

FEDERAL BUREAU OF INVESTIGATION
FOI/PA
DELETED PAGE INFORMATION SHEET
FOI/PA# 1321438-0

Total Deleted Page(s) = 33
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FEDERAL BUREAU OF INVESTIGATION
FOI/PA
DELETED PAGE INFORMATION SHEET
FOI/PA# 1321422-0

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1 - Mr. Young

2/16/66

airtel

To: SACs, Washington Field - Enc. (5) *19 card*
Boston - Enc.
New York - Enc.
Newark - Enc.
Columbia - Enc.
Charlotte - Enc.
Los Angeles - Enc.
San Francisco - Enc.
Detroit - Enc.
Miami - Enc.
Denver - Enc.
Baltimore - Enc.

*NCR 2/25/66
per Oakes*

From: Director, FBI

CHARLES HARD TOWNES
SPECIAL INQUIRY
BUDED: 3/3/66

Charles H. Townes

Security
Office of Science and Technology, White House,
has requested investigation of Townes, who is being considered
for White House clearance. Born 7/28/15, Greenville, South
Carolina, and resides 5 Follen Street, Cambridge, Massachusetts.
Background data attached.

All offices, except Boston, Columbia, San Francisco
and Miami, see urfiles which indicate previous SPI of Townes
in 1959. Bring up to date.

SPIN.

REC-76

MCT-18

NOTE: Request received today from OST.

161-4379-1

8 FEB 17 1966

Tolson _____
DeLoach _____
Mohr _____
Casper _____
Callahan _____
Conrad _____
Felt _____
Gale _____
Rosen _____
Sullivan _____
Tavel _____
Trotter _____
Wick _____
Tele. Room _____
Holmes _____
Gandy _____

DHY:jm
(26)

MAILED 3

FEB 16 1966

COMM-FBI

1966

MAIL ROOM ☒ TELETYPE UNIT ☐

Return to

YOUNG

Room

1258

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY

February 14, 1966

DATE

MEMORANDUM FOR: Mr. Orrin H. Bartlett, FBI

FROM: Robert Barlow, Office of Science and Technology

SUBJECT: TRANSMITTAL OF SF 86 FOR Charles H. Townes

7/28/15

Date of Birth

The subject forms are forwarded for the purpose of obtaining a White House Clearance. Thank you for your cooperation.

Encl:
As above

161- 4379 -
ENCLOSURE

Standard Form 86

AUGUST 1964
U.S. CIVIL SERVICE COMMISSION
(F.P.M. CHAPTER 736)
86-106SECURITY INVESTIGATION DATA
FOR SENSITIVE POSITION

CASE SERIAL NO. (CSC use only)

INSTRUCTIONS.—Prepare in triplicate, using a typewriter. Fill in all items. If the answer is "No" or "None," so state. If more space is needed for any item, continue under item 28.

1. FULL NAME (Initials and abridgements of full name are not acceptable. If no middle name, show "(NMN)"; if initials only, show "(no given or middle name)".)	(LAST NAME)	(FIRST NAME)	(MIDDLE NAME)	2. DATE OF BIRTH
	Townes,	Charles	Hard	July 28, 1915
OTHER NAMES USED. (Maiden name, names by former marriages, former names changed legally or otherwise, aliases, nicknames, etc. Specify which, and show dates used.)				3. PLACE OF BIRTH (South Greenville, Carolina)
NONE				4. <input checked="" type="checkbox"/> MALE <input type="checkbox"/> FEMALE
5. HEIGHT		WEIGHT	COLOR EYES	COLOR HAIR
6'1"		180	Blue	Brown
6. <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MARRIED <input type="checkbox"/> WIDOW(ER) <input type="checkbox"/> DIVORCED	7. IF MARRIED, WIDOWED, OR DIVORCED, GIVE FULL NAME AND DATE AND PLACE OF BIRTH OF SPOUSE OR FORMER SPOUSE. INCLUDE WIFE'S MAIDEN NAME. GIVE DATE AND PLACE OF MARRIAGE OR DIVORCE. (Give same information regarding all previous marriages and divorces.)			
	Frances Hildreth Brown, Berlin, New Hampshire, February 13, 1916 Married on May 4, 1941			
8. DATES AND PLACES OF RESIDENCE. (If actual places of residence differ from the mailing addresses, furnish and identify both. Begin with present and go back to January 1, 1937. Continue under item 28 on other side if necessary.)				
FROM	TO	NUMBER AND STREET	CITY	STATE
1962	Present	5 Follen Street	Cambridge	Mass.
1961	1962	30 Francis Avenue	Cambridge	Mass.
1959	1961	Corner Ordway & 34th Street, N.W.	Washington	D.C.
Sept 1951	1959	720 West 231st St.	New York	N.Y.
9/1955	5/1956	Chatenay-Malabry	France	
5/1956	9/1956	Nichi-Katamachi	Bunkyo-Ku	Tokyo, Japan
1/1948	9/1951	90 Morningside Dr.	New York 27	N.Y.
7/1945	1/1948	111 Washington Ave.	Chatham	N.J.
1944	1945	3 Dempster Rd.	Chatham	N.J.

(For continuation of question #8--SEE ITEM 28)

9. <input checked="" type="checkbox"/> U.S. CITIZEN <input type="checkbox"/> ALIEN	<input checked="" type="checkbox"/> BY BIRTH	<input type="checkbox"/> NATURALIZED	ALIEN REGISTRATION NO.	DATE, PLACE, AND COURT
			None	None
	CERT. NO. None		PETITION NO. None	
	<input type="checkbox"/> DERIVED-PARENTS CERT. NO(S). None			
	REGISTRATION NO.	NATIVE COUNTRY	DATE AND PORT OF ENTRY	
	No	None	None	

10. EDUCATION. (All schools above elementary.)

NAME OF SCHOOL	ADDRESS	FROM (Year)	TO (Year)	DEGREES
Greenville High School	Greenville, S.C.	1927	1931	None
Furman University	Greenville, S.C.	1931	1935	B.A. & B.S.
Duke University	Durham, N.C.	1935	1936	M.A.
California Institute of Technology	Pasadena, Calif.	1936	1939	Ph.D.

11. THIS SPACE FOR FBI USE. (See also item 29.)

12. SOCIAL SECURITY NUMBER 555-12-5071

13. MILITARY SERVICE (Past or present) None

SERIAL NO. (If none, give grade or rating at separation)	BRANCH OF SERVICE (Army, Navy, Air Force, etc.)	FROM (Yr.)	TO (Yr.)
Not applicable	NA	NA	NA

ENCLOSURE

4379

14. HAVE YOU EVER BEEN DISCHARGED FROM

(If answer is "Yes," give details in item 28.)

15. EMPLOYMENT. (List ALL employment dates starting with your present employment. Give both month and year for all dates. Show ALL dates and addresses when unemployed. Give name under which employed if different from name now used.)

FROM	TO	NAME OF EMPLOYER (Firm or agency) AND SUPERVISOR (Full name, if known)	ADDRESS (Where employed)	TYPE OF WORK	REASON FOR LEAVING
1961	Present	Mass. Institute of Technology	Cambridge, Mass.	Provost & Professor of Physics	
1959	1961	Institute for Defense Analyses	Washington, D.C.	Vice President & Director of Research	
1950	1961	Columbia University	New York, N.Y.	Professor of Physics	
1948	1950	Columbia University	New York, N.Y.	Associate Prof. of Physics	
1939	1947	Bell Telephone Labs	Murray Hill, N.J.	Technical Staff Member	
1937	1939	Calif. Inst. of Technology	Pasadena, Calif.	Assistant in Physics	

BS
WFO
NY
NK
LA

16. HAVE YOU EVER BEEN DISCHARGED (FIRED) FROM EMPLOYMENT FOR ANY REASON? ☐ YES ☒ NO.17. HAVE YOU EVER RESIGNED (QUIT) AFTER BEING INFORMED THAT YOUR EMPLOYER INTENDED TO DISCHARGE (FIRE) YOU FOR ANY REASON? ☐ YES ☒ NO.
(If your answer to 16 or 17 above is "Yes" give details in item 28. Show the name and address of employer, approximate date, and reasons in each case. This information should agree with the statements made in item 15—EMPLOYMENT.)18. HAVE YOU EVER BEEN ARRESTED, TAKEN INTO CUSTODY, HELD FOR INVESTIGATION OR QUESTIONING, OR CHARGED BY ANY LAW ENFORCEMENT AUTHORITY?
(You may omit: (1) Traffic violations for which you paid a fine of \$30 or less; and (2) anything that happened before your 16th birthday. All other incidents must be included, even though they were dismissed or you merely forfeited collateral.) ☐ YES ☒ NO.

IF YOUR ANSWER IS "YES," GIVE FULL DETAILS BELOW:

DATECHARGEPLACELAW ENFORCEMENT
AUTHORITYACTION TAKEN

19. HAVE YOU EVER HAD A NERVOUS BREAKDOWN OR HAVE YOU EVER HAD MEDICAL TREATMENT FOR A MENTAL CONDITION? ☐ YES ☒ NO.
(If your answer is "Yes," give details in item 28.)

20. FOREIGN COUNTRIES VISITED (SINCE 1930). (Exclusive of military service.)

COUNTRY

DATE LEFT U.S.A.

DATE RETURNED U.S.A.

PURPOSE

SEE ATTACHED SHEET #1

21. ARE YOU NOW, OR HAVE YOU EVER BEEN, A MEMBER OF THE COMMUNIST PARTY, U.S.A., OR ANY COMMUNIST OR FASCIST ORGANIZATION? ☐ YES ☒ NO.

22. ARE YOU NOW OR HAVE YOU EVER BEEN A MEMBER OF ANY FOREIGN OR DOMESTIC ORGANIZATION, ASSOCIATION, MOVEMENT, GROUP, OR COMBINATION OF PERSONS WHICH IS TOTALITARIAN, FASCIST, COMMUNIST, OR SUBVERSIVE, OR WHICH HAS ADOPTED, OR SHOWS, A POLICY OF ADVOCATING OR APPROVING THE COMMISSION OF ACTS OF FORCE OR VIOLENCE TO DENY OTHER PERSONS THEIR RIGHTS UNDER THE CONSTITUTION OF THE UNITED STATES, OR WHICH SEEKS TO ALTER THE FORM OF GOVERNMENT OF THE UNITED STATES BY UNCONSTITUTIONAL MEANS? ☐ YES ☒ NO.

23. IF YOUR ANSWER TO QUESTION 21 OR 22 ABOVE IS "YES," STATE THE NAMES OF ALL SUCH ORGANIZATIONS, ASSOCIATIONS, MOVEMENTS, GROUPS, OR COMBINATIONS OF PERSONS AND DATES OF MEMBERSHIP. IN ITEM 28 OR ON A SEPARATE SHEET TO BE ATTACHED TO AND MADE A PART OF THIS FORM, GIVE COMPLETE DETAILS OF YOUR ACTIVITIES THEREIN AND MAKE ANY EXPLANATION YOU DESIRE REGARDING YOUR MEMBERSHIP OR ACTIVITIES.

NAME IN FULL

ADDRESS

FROM

TO

OFFICE HELD

Not Applicable

24. MEMBERSHIP IN OTHER ORGANIZATIONS. (List all organizations in which you are now a member or have been a member, except those which show religious or political affiliations.) (If none, so state.)

<u>NAME IN FULL</u>	<u>ADDRESS</u>	<u>TYPE</u>	<u>FROM</u>	<u>TO</u>	<u>OFFICE HELD</u>
American Physical Soc.	New York	Professional	1935	Present	Councillor (1959-62) (1965 V. P. elect)
"	"	"	"	"	(1966 Vice President)
French Physical Soc.	Paris	"	1955	Present	Councillor (1956 through 1958)
Japanese Phys. Soc.	Tokyo	"	1956	"	None

(For continuation of question #24--SEE ATTACHED SHEET #3)

25. RELATIVES. (Parents, spouse, divorced spouse, children, brothers, and sisters, living or dead. Name of spouse should include maiden name and any other names by previous marriage. If person is dead, state "dead" after relationship and furnish information for other columns as of time of death.)

<u>RELATION</u>	<u>NAME IN FULL</u>	<u>YEAR OF BIRTH</u>	<u>ADDRESS</u>	<u>COUNTRY OF BIRTH</u>	<u>PRESENT CITIZENSHIP</u>
Father	Henry K. Townes (Deceased)		Greenville, S.C.	U.S.A.	U.S.A.
Mother	Ellen Hard Townes		Greenville, S.C.	U.S.A.	U.S.A.
Sister	Mary Townes Nyland		Weaverville, N.C.	U.S.A.	U.S.A.
Sister	Ellen Townes Taylor		Greenville, S.C.	U.S.A.	U.S.A.
				U.S.A.	U.S.A.
Brother	Henry K. Townes		Ann Arbor, Mich.	U.S.A.	U.S.A.
Brother	George F. Townes		Cleveland, S.C.	U.S.A.	U.S.A.
Wife	Francis Brown Townes	1916	5 Follen St., Cam., Mass.	U.S.A.	U.S.A.
				U.S.A.	U.S.A.
				U.S.A.	U.S.A.
				U.S.A.	U.S.A.
				U.S.A.	U.S.A.

b6

b7C

26a. REFERENCES. (Name three persons, not relatives or employers, who are aware of your qualifications and fitness.)

NAME IN FULL	HOME ADDRESS	BUSINESS ADDRESS	YEARS KNOWN
W.W. Buechner	351 Mystic St., Arlington, Mass.	Dept. of Physics Rm. 6-113	1961-present
W.H. Radford	121 Poplar St., Watertown, Mass.	M.I.T. Cambridge, Mass. Lincoln Labs.	1961-present

(Continued on SHEET #3)

26b. CLOSE PERSONAL ASSOCIATES. (Name three persons, such as friends, schoolmates or colleagues, who know you well.)

NAME IN FULL	HOME ADDRESS	BUSINESS ADDRESS	YEARS KNOWN
Arthur L. Schawlow	849 Esplando Way, Stanford University Palo Alto, Calif.	Physics Dept., Stanford University Stanford, Calif.	1953-present
Jack P. Ruina		Institute for Defense Analyses 400 Army-Navy Dr., Arlington, Va.	21 years

(Continued on SHEET #3)

27. TO YOUR KNOWLEDGE, HAVE YOU EVER BEEN THE SUBJECT OF A FULL FIELD OR BACKGROUND PERSONAL INVESTIGATION BY ANY AGENCY OF THE FEDERAL GOVERNMENT? ☒ YES ☐ NO. (If your answer is "Yes," show in item 28 (1) the name of the investigating agency (2) the approximate date of investigation, and (3) the level of security clearance granted, if known.) (SEE SHEET #4)

28. SPACE FOR CONTINUING ANSWERS TO OTHER QUESTIONS. (Show item numbers to which answers apply. Attach a separate sheet if there is not enough space here.)

QUESTION 8 - Residence (For continuationn of question #8--SEE SHEET #1)

FROM	TO	NUMBER & STREET	CITY	STATE
1944	1944	River Road	Summit	N.J.
1944	1944	Holiday House	Delray Beach	Florida
9/1941	1944	Mountain Road	Mendham	N.J.
5/1941	9/1941	East 10th Street	New York	N.Y.

29. REPORT OF INFORMATION DEVELOPED. (This space reserved for FBI use.)

DATE:

Before signing this form check back over it to make sure you have answered all questions fully and correctly.

CERTIFICATION

I CERTIFY that the statements made by me on this form are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

False statement on this form
is punishable by law.

February 3, 1966
(DATE)

Chris. H. Townes
(SIGNATURE—Sign original and first carbon copy)

INFORMATION TO BE FURNISHED BY AGENCY

INSTRUCTIONS TO AGENCY: See Federal Personnel Manual Chapter 736 and FPM Supplement 296-31, Appendix A, for details on when this form is required and how it is used. If this is a request for investigation before appointment, insert "APPL" in the space for Date of Appointment and show information about the proposed appointment in the other spaces for appointment data. The original and the first carbon copy should be signed by the applicant or appointee. Submit the original and the unsigned carbon copy of the form, Standard Form 87 (Fingerprint Chart), and any investigative information about the person received on voucher forms or otherwise, to the United States Civil Service Commission, Bureau of Personnel Investigations, Washington, D.C., 20415. If this is a request for full field security investigation, submit these forms to the attention of the Division of Reimbursable Investigations; if this is a request for preappointment national agency checks, submit these forms to the attention of the Control Section.

RETAIN THE CARBON COPY OF STANDARD FORM 86 (SIGNED BY THE APPLICANT OR APPOINTEE) FOR YOUR FILES

DATE OF APPOINTMENT	TYPE OF APPOINTMENT <input type="checkbox"/> EXCEPTED <input type="checkbox"/> COMPETITIVE. (Include indefinite and temporary types of competitive appointments.)	CIVIL SERVICE REGULATION NUMBER OR OTHER APPOINTMENT AUTHORITY	TITLE OF POSITION AND GRADE OR SALARY
DEPARTMENT OR AGENCY	DUTY STATION	SEND RESULTS OF PREAPPOINTMENT CHECK TO:	
THIS IS A SENSITIVE POSITION			
(SIGNATURE AND TITLE OF AUTHORIZED AGENCY OFFICIAL)			

SECURITY INVESTIGATION DATA FOR SENSITIVE POSITION (continued)

Question #8 continued from item #28 - Residence

<u>From</u>	<u>To</u>	<u>Number & Street</u>	<u>City</u>	<u>State</u>
1940	1941	Park Plaza Hotel West 77 Street	New York	N.Y.
1940	1940	Claremont Avenue	New York 27	N.Y.
1939	1940	Several other addresses in New York City,	New York	New York
1/1937	7/1939	500 Sumner Street	Greenville	South Carolina

Question #20 - Foreign Countries Visited Since 1930

<u>Country</u>	<u>Dates</u>	<u>Purpose</u>
Approx. 4 trips to Europe between 1950 and 1955		
Approx. 8 trips to Mexico & Canada		
France, England, Switzerland, Italy, Germany, Yugoslavia, Austria, Israel, India, Japan, and others	June, 1955- Sept., 1956	Sabbatical Leave
Essen, Germany	Oct., 1958	Attend meeting
Switzerland	July 30-Aug. 1, 1960	Vacation
Italy	August 1-18, 1960	Lecture at Enrico Fermi International School of Physics in Varenna
Spain	August 18-31, 1960	Vacation
France	August 31-Sept. 2, 1960	Vacation
Portugal	Sept. 2, 1960	Vacation
Mexico City, Mexico	June 21-26, 1961	Attend American Physical Society Meeting
France	July 28-30, 1961	Vacation
Stockholm, Sweden	July 30-Aug. 6, 1961	Attend International Biophysics Congress in Stockholm
France	March 31, 1962	Lecture at College de France
France	April 1, 1962	Visit friends
The Netherlands	April 2-4, 1962	Give a talk in The Hague
England	May 13-15, 1962	To attend the second European-American Assembly in Brighton
England	August 24-30, 1962	Attend 9th Conference on Science and World Affairs in Cambridge

SECURITY INVESTIGATION DATA FOR SENSITIVE POSITION (continued)

Question #20 - Foreign Countries Visited Since 1930 (continued from Page 1)

<u>Country</u>	<u>Dates</u>	<u>Purpose</u>
France	Feb. 11-16, 1963	Attend the 3rd International Conference on Quantum Electronics in Paris
Italy	August 18-31, 1963	Director of Enrico Fermi International School of Physics
Italy	August 31-Sept. 15, 1963	Vacation
England	Oct. 28-Nov. 1, 1963	Give Scott Lectures in Cambridge
Italy	April 2-3, 1964	Receive honorary degree in Milan
France	April 3-5, 1964	Tourist
Italy	Sept. 15-21, 1964	Attend International meeting for 4th Centenary of the Birth of Galileo
Sweden	Dec. 3-16, 1964	Receive Nobel Prize
Mexico City, Mexico	March 9-16, 1965	Attend M.I.T. Fiesta
Poland	Sept. 6-9, 1965	Lecture at Instytut Fizyki in Warsaw
U.S.S.R.	Sept. 9-23, 1965	Guest of the Soviet Academy of Sciences
Egypt	Feb. 4-8, 1966	Vacation
Lebanon	Feb. 8-9, 1966	Vacation
Israel	Feb. 9-14, 1966	To visit the Weizmann Institute and to receive honorary degree from the Hebrew University

SECURITY INVESTIGATION DATA FOR SENSITIVE POSITION (continued)

Question #24 - Membership in Other Organizations

<u>Name in Full</u>	<u>Address</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Office Held</u>
Am. Assoc. Advancement of Science	Washington, D.C.	Professional	1948	?	None
Am. Assoc. of Physics Teachers		"	1948	1950	"
National Acad. of Sciences	Washington, D.C.	"	1956	Present	"
Sigma Xi		"	1939	"	National Lecturer
Nat. Geographical Soc.	Washington, D.C.	Geographical	1959	"	None
Nat. Soc. of Security Analysts		Professional	1959	"	None
Am. Acad. of Arts and Sciences	Boston, Mass.	"	1959	"	None
Optical Society of America		"	1961	"	Fellow
Institute of Electrical & Electronics Engineers		"	1958	"	Fellow
Am. Philosophical Soc.		"	1960	"	None
Am. Astronomical Soc.		"	1963	"	None
Biophysical Soc.		"	1961	"	"
Instrument Soc. of America		"	1961	"	"
N.Y. Acad. of Sciences	New York City	"	1950	?	Councillor
Inst. of Radio Engineers		"	1958		None
Several undergraduate scholastic societies					

Question #26a - continued - References

<u>Name</u>	<u>Home Address</u>	<u>Business Address</u>
Professor Norman Ramsey	55 Scott Rd., Belmont, Mass	Lyman Lab. 228 Harvard University Cambridge, Mass.
YEARS KNOWN - 20 years		

Question #26b - continued - Close Personal Associates

<u>Name</u>	<u>Home Address</u>	<u>Business Address</u>
Professor Marvin Goldberger		Department of Physics Princeton University Princeton, New Jersey

YEARS KNOWN-1959-present

SECURITY INVESTIGATION DATA FOR SENSITIVE POSITION

Question #27

Previous Security Clearances Granted

May, 1960

Inspector of Naval Material (Office of Naval Intelligence)

TOP SECRET

1961

National Security Agency

TOP SECRET

March, 1961

Department of State

TOP SECRET

April, 1961

Atomic Energy Commission - Q Clearance

AEC Q 8017. ORNYWA

WFO

Federal Bureau of Investigation
Records Branch2/17, 1966

☒ Name Searching Unit - Room 6527
☒ Service Unit - Room 6527
☒ Forward to File Review
☐ Attention _____
☐ Return to Mr. Young 1258 / 2428
Supervisor Room Ext.

b6

b7C

Type of References Requested:

- ☐ Regular Request (Analytical Search)
☒ All References (Subversive & Nonsubversive)
☐ Subversive References Only
☐ Nonsubversive References Only
☐ Main _____ References Only

Type of Search Requested:

- ☐ Restricted to Locality of _____
☐ Exact Name Only (On the Nose)
☐ Buildup _____
FEB 17 1966

Subject Charles Earl Townes
 Birthdate & Place _____
 Address _____

Localities _____

R# 1028 Date 2-17 Searcher Initials 720
 Prod. 11

FILE NUMBER

SERIAL

UTD 77-81576 Doc 9/23/59
I 77-81576 (youth) I
I 116-4864 I
MP 77-81576-19 summary
MP 65-68127-32 June Mail
MP 105-78497-180
MP 105-94977-2
Charles H.
LI 77-81576-23 summary
Charles
MP 65-68127-29 June mail
C. H.
MP 65-68405-35 #271
I 105-37757-17, 19, 25
105-94548-1
L CT 105-37757-1
Charles H. May 1966
MP 105-94977 Ib4

Federal Bureau of Investigation
Records Branch2-17, 1966

☐ Name Searching Unit - Room 6527
☐ Service Unit - Room 6524
☐ Forward to File Review
☐ Attention _____
☐ Return to _____
 Supervisor Room Ext.

Type of References Requested:

☐ Regular Request (Analytical Search)
☒ All References (Subversive & Nonsubversive)
☐ Subversive References Only
☐ Nonsubversive References Only
☐ Main _____ References Only

Type of Search Requested:

☐ Restricted to Locality of _____
☐ Exact Name Only (On the Nose)
☐ Buildup ☐ Variations

Subject Tourmes, Henry K.
 Birthdate & Place _____
 Address _____

Localities _____

R# 128 Date 2-17 Searcher Initials 720

Prod. 3

FILE NUMBER

SERIAL

_____ NIO

Henry

100-1351585-1599

Henry Keith BW

3

Henry Keith Pos Son

124-17920

Henry Mrs. Pos. Rel

123-13455

FEB 17 1966
 74

UNITED STATES GOVERNMENT

Memorandum

TO : Director, FBI (

) DATE: March 2, 1966

FROM : SAC, Denver

(77-4041)

SUBJECT: CHARLES HARD TOWNES
SPISOG ACTION:
(Records Branch)Re St. Louis teletype to the Bureau dated
3/2/66.☐ Post and destroy
☒ File

This case will be delinquent.

Date of Bureau deadline: 3/2/66.

Reason for the delinquency: Lead not received this Division in
time to permit meeting deadline.

Date the report or necessary communication will reach the Bureau: 3/9/66

AEC zone designation; e. g., OR, CH, etc.:
(This applies only to 116 cases.)☒ No administrative action necessary.① - Bureau (AM)
1 - Denver

JHB:eao (2)

Spec. Ind.

Optional Form No. 10
UNITED STATES GOVERNMENT
MEMORANDUM

TO: SAC, COLUMBIA

FROM: SAC, CHARLOTTE (161-New)

SUBJECT: CHARLES HARD TOWNES
SPECIAL INQUIRY
BUDED: 3/3/66

BUFILE NO.:
CHARLOTTE FILE NO.:
COLUMBIA FILE NO.:

DATE: 2/17/66

Due to the opening of the Columbia Office, the following action is being taken in the captioned matter:

(a) LOCATION OF FILE

1. () Entire file transferred to Columbia herewith.
2. () File transferred to Columbia except one copy of the following serials retained at Charlotte.

-
3. ~~xxx~~) File retained at Charlotte but one copy of the following serials transferred to Columbia.

~~CE rpt. of SA JAMES W. CANNON 10/2/59 entitled "CHARLES HARD TOWNES -SPI" and CE rpt. of SA JAMES W. CANNON entitled "CHARLES HARD TOWNES -AEA-A" dated 5/8/47.~~

(b) OFFICE OF ORIGIN

- () Charlotte
() Columbia
~~xx~~) Bureau

(c) STATUS

- (X) Pending
() RUC to Columbia
() CLOSED to Columbia

1 - Columbia) Enc. 2)
1 - Bureau (Info)
1 - Charlotte (161-New)
GSS

161-4379-2
NOT RECORDED

3 FEB 21 1966

26
54 MAY 3 1966

FBI

Date: 2/18/66

Transmit the following in _____

(Type in plaintext or code)

Via AIRTEL

AIR MAIL

(Priority)

TO DIRECTOR, FBI
FROM SAC, LOS ANGELES (161-996)
RE CHARLES HARD TOWNES
SPECIAL INQUIRY

Re Bureau airtel to WFO, 2/16/66.

Previous AEA investigation conducted and reported commensurate with SPI standards. No additional investigation being conducted, no report being submitted.

3 - Bureau
1 - Los Angeles

flb/jlm
(4)

161-4379-3
NOT RECORDED

8 FEB 21 1966

2c/c destroyed
Jm

Approved: 126

54 (M)

Special Agent in Charge

Sent _____

M

Per _____

Special Agent in Charge

2/18/66

Airtel

To: SACs, New York
Los Angeles
San Francisco

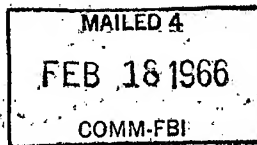
From: Director, FBI

CHARLES HARD TOWNES
SPI

Re Bureau airtel dated 2/16/66.

Professor C. H. Townes, Department of Physics,
Columbia University, who appears to be identical with
captioned individual, is mentioned in San Francisco
letter dated 2/9/61, captioned "CHIPROP; IS - CH;
[redacted]" copies of which were furnished
New York and Los Angeles. [redacted]

b6
b7C



161-4379-4
NOT RECORDED

8 APR 25 1966

OJA:cad
(8)

Tolson _____
DeLoach _____
Mohr _____
Wick _____
Casper _____
Callahan _____
Conrad _____
Felt _____
Gale _____
Rosen _____
Sullivan _____
Tavel _____
Trotter _____
Tele. Room _____
Holloman _____
Gandy _____

126 W/K
14 MAY 3 1966
MAIL ROOM ☐ TELETYPE UNIT ☐

Return to Mr. Young Room 1258

2/21/66

AIRTEL

AIR MAIL

TO SAC, SAN FRANCISCO
FROM SAC, LOS ANGELES (161-996)(RUC)
SUBJECT CHARLES HARD TOWNES
SPI

Re Bureau airtel to New York 2/18/66.

Los Angeles is unable to locate San Francisco
letter dated 2/9/61, captioned, "CHIPROP; IS-CH; [REDACTED]
[REDACTED]"

b6
b7C

San Francisco is requested to review this letter
and advise Los Angeles if there is any action to be taken
by Los Angeles

2 - San Francisco
1 - Bureau
1 - Los Angeles

tlb/MAL
(4)

161-4379-5
NOT RECORDED

11 FEB 23 1966

126
54 MAY 3 1966

2/23/66

AIRTEL

AIRMAIL

TO: SAC, NEW YORK
FROM: SAC, SAN FRANCISCO (161-947)
RE: CHARLES HARD TOWNES
SPI

Re Buairtel, 2/18/66; and San Francisco letter to Bureau, one copy to New York, 2/9/61, in the case entitled "CHIPROP, IS - CH; [REDACTED]"

In view of the highly sensitive nature of the information contained in relet furnished by [REDACTED] New York is requested to report the information concerning Appointee attributed to this source properly paraphrased, *to further conceal this source.*

- 2 - New York (RM)
- ① - Bureau (INFO) (RM)
- 2 - San Francisco

RET:smv
(5)

161-4379-6
NOT RECORDED

FEB 25 1966

ma

54 MAY 3 1966 126

1 - Mr. Young

2/24/66

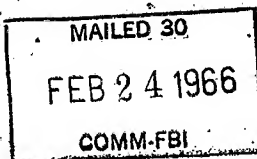
airtel

To: SACs, Washington Field
Boston
New York
Newark
Columbia
Charlotte
San Francisco
Detroit
Miami
Denver
Baltimore

From: Director, FBI

CHARLES HARD TOWNES
SPECIAL INQUIRY

Buded this case hereby being changed to 3/2/66,
which must be met without fail.



161-4379-7
NOT RECORDED
APR 25 1966
8 APR 25 1966

Tolson _____
DeLoach _____
Mohr _____
Wick _____
Casper _____
Callahan _____
Conrad _____
Felt _____
Gale _____
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Tavel _____
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Tele. Room _____
Holmes _____
Gandy _____

DHY:jm
(24)

126

54 MAY 3 1966 TELETYPE UNIT ☐

Return to YOUNG, Room 1258

2/25/66

AIRTEL

TO: SAC, NEWARK
FROM: SAC, NEW YORK (161-2016)
SUBJECT: CHARLES HARDY TOWNES
SPECIAL INQUIRY
BUDED 3/2/66

Re Bureau letter to WFO, 2/16/66.

Newark will, if not already done so, interview Dr. JOHN A. WHEELER of Princeton University who is the President of the American Physical Society, and who is personally acquainted with TOWNES.

2 - Newark
① - Bureau
1 - New York

AF:lat
(5)

161-4379-8
NOT RECORDED
20 FEB 26 1966

54 MAY

126

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE SAN FRANCISCO	OFFICE OF ORIGIN BUREAU	DATE 2/25/66	INVESTIGATIVE PERIOD 2/18/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY ROBERT E. THAU	TYPED BY SMV
		CHARACTER OF CASE SPECIAL INQUIRY	

REFERENCE: Buairtels, 2/16 & 18/66;
San Francisco airtel to New York, 2/23/66.

- RUC -

- A* -
COVER PAGE

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1 - Bureau (AMSD) 1 - San Francisco (161-947)		161-4379-9	
		NOT RECORDED 1 FEB 28 1966	
Dissemination Record of Attached Report		Notations	
Agency		<i>[Signature]</i> STANDARD	
Request Recd.			
Date Fwd.			
How Fwd.			
By			
54 MAY 9 1966 126			

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: ROBERT E. THAU Office: SAN FRANCISCO, CALIFORNIA
Date: February 25, 1966
Field Office File #: 161-947 Bureau File #:
Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis:

Appointee's brother-in-law, Professor ARTHUR LEONARD SCHAWLOW, highly recommends.

- RUC -

DETAILSAT PALO ALTO, CALIFORNIAASSOCIATE

Professor ARTHUR LEONARD SCHAWLOW, Professor, Physics Department, Stanford University, who resides at 849 Esplanada Way, Stanford University, advised on February 18, 1966, that he first met CHARLES HARD TOWNES in April of 1949, at a meeting of the American Physical Society in Washington, D.C. SCHAWLOW said that he then worked with TOWNES from September of 1949 to 1951, at Columbia University, New York, New York. SCHAWLOW and TOWNES wrote a book on microwave spectroscopy which was published in 1955. SCHAWLOW advised that since 1960, he has only seen TOWNES on the average of twice a year. SCHAWLOW stated that he [REDACTED]

[REDACTED]

SCHAWLOW described TOWNES as a very competent scientist, completely loyal to the United States and thoroughly trustworthy. He said that TOWNES has held numerous positions of trust and has never divulged anything of a confidential nature. He added that TOWNES is a man of complete discretion.

SF 161-947

RET:smv

SCHAWLOW described TOWNES' associates as mostly professional people of excellent character. He recommended TOWNES for a position of trust and confidence.

CREDIT AND POLICE CHECKS

On February 18, 1966, [redacted] Palo Alto Credit Bureau, advised that ARTHUR LEONARD SCHAWLOW and his [redacted] have been on file since October 16, 1961. They are listed as residing at 849 Esplanada Way, Stanford University; and enjoy a favorable credit rating.

b6
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On February 18, 1966, [redacted] Clerk, Police Department of Palo Alto, California, advised that she could locate no record identifiable with ARTHUR or [redacted] SCHAWLOW.

b6
b7c

F B I

Date: 2/28/66

Transmit the following in PLAINTEXT
(Type in plaintext or code)Via TELETYPE URGENT
(Priority)

TO: SAC, ST. LOUIS

FROM: SAC, DENVER (77-4041)

CHARLES HARD TOWNES, SPECIAL INQUIRY, BUDED: MARCH
TWO, NEXT.

OFFICE OF SCIENCE AND TECHNOLOGY, WHITE HOUSE, HAS
REQUESTED INVESTIGATION OF TOWNES, WHO IS BEING CONSIDERED
FOR WHITE HOUSE CLEARANCE. BORN JULY TWENTY-EIGHT, NINETEEN
FIFTEEN, GREENVILLE, SOUTH CAROLINA, AND RESIDES FIVE
FOLLEN STREET, KINGBRIDGE, MASSACHUSETTS.

TOWNES SERVED AS EXPERT ON A CONSOLATING BASIS FOR
NATIONAL BUREAU OF STANDARDS FROM AUGUST SIXTEEN, NINETEEN
FORTY-EIGHT TO JUNE THIRTY, NINETEEN SIXTY-TWO. OPF
FORWARDED BY BOULDER LABORATORIES, NBS, TO RECORDS CENTER,
ST. LOUIS, ON OCTOBER TWENTY-NINE, NINETEEN SIXTY-TWO.

REVIEW.

① - Bureau (A.M.)

KB:vfv
(2)161-4377-10
NOT RECORDED

1 MAR 2 1966

SP-1

Approved: 126
Special Agent in Charge

Sent _____ M Per _____

ATTENTION: SPECIAL INQUIRY SECTION,
INVESTIGATIVE DIVISION

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE DENVER	OFFICE OF ORIGIN BUREAU	DATE 2/28/66	INVESTIGATIVE PERIOD 2/18 - 28/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY KENNETH BRIDENSTINE	TYPED BY glg
		CHARACTER OF CASE SPECIAL INQUIRY	

REFERENCES: Bureau airtels dated 2/16 and 2/24/66.

-RUC-

A*
COVER PAGE

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1-Bureau (AM) 1-Denver (77-4041)		161-4379-11	
		NOT RECORDED	
		18 MAR 2 1966	
		Ind.	
Dissemination Record of Attached Report		Notations	
Agency			
Request Recd.			
Date Fwd.			
How Fwd.			
By			

54 MAY 3 1966

124

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: KENNETH BRIDENSTINE
Date: February 28, 1966

Office: Denver

Field Office File #: 77-4041

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis:

TOWNES employed by National Bureau of Standards from 1948- 1962 as expert consultant on part-time basis. Chief of Radio Standards Laboratory of Boulder Laboratories recommends as an able scientist and administrator, a man of highest integrity and a loyal American.

-RUC-

DETAILS:EMPLOYMENT

National Bureau of
Standards
Boulder, Colorado

On February 28, 1966, [REDACTED] Secretary Personnel Division, Boulder Laboratories, National Bureau of Standards (NBS), advised the Official Personnel Folder of CHARLES HARD TOWNES was forwarded to the Federal Records Center at St. Louis, Missouri in October, 1962, but the service record card maintained at the Boulder Laboratories shows his birth as July 28, 1915. This card shows that he was first employed at the Central Radio Propagation Laboratory of NBS in 1948 as an expert in micro-wave standards work.

This record card shows that he continued to serve on an intermittent basis in a consulting capacity with his duty station being fixed at Washington, D. C., or New York, New York.

DN 77-4041

During this time he made visits to the Boulder Laboratories for consultation purposes. He was terminated in 1962 in accordance with the Presidential Memorandum of February 9, 1962, dealing with the Conflict of Interest Laws. His forwarding address was Massachusetts Institute of Technology, Cambridge, Massachusetts.

[redacted] said that nothing adverse appeared on the record card and his termination in no way reflected unfavorably on TOWNES as a man, a scientist, or an American.

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b7c

On February 28, 1966, Doctor JOHN M. RICHARDSON, Chief of the Radio Standards Laboratory of the Boulder Laboratories, advised he has known TOWNES since 1952 in a professional capacity. He stated that the record of TOWNES speaks for itself as to his ability as a scientist and administrator, his character and integrity and his loyalty to the United States. Doctor RICHARDSON said he, from his personal contacts with and his knowledge of TOWNES' work, would recommend him without qualification as a scientist and administrator, a man of integrity and a loyal American.

CREDIT AND ARREST

On February 18, 1966, [redacted] Credit Bureau of Boulder, Incorporated; [redacted] Deputy Sheriff, Boulder County, and Captain [redacted] Boulder, Police Department, Boulder, Colorado, advised their respective records contain no data identifiable with CHARLES HARD TOWNES.

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b7c

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE MIAMI	OFFICE OF ORIGIN BUREAU	DATE 2/28/66	INVESTIGATIVE PERIOD 2/24/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY ROBERT W. WISEMAN	TYPED BY VC
		CHARACTER OF CASE SPI	

REFERENCES

Bureau airtels to Washington Field dated 2/16
and 2/24/66.

- RUC -

- A* -
- COVER PAGE -

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: ① - Bureau (AM) 1 - Miami (161-418)		161-4379-12	
		NOT RECORDED	
		MAR 2 1966	
Dissemination Record of Attached Report		Notations	
Agency		<i>[Signature]</i> SECRET	
Request Recd.			
Date Fwd.			
How Fwd.			
By			

54 MAY 3 1966 / 26

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:
Date:

ROBERT W. WISEMAN
February 28, 1966

Office: Miami, Florida

Field Office File No.:

161-418

Bureau File No.:

Title:

CHARLES HARD TOWNES

Character:

SPECIAL INQUIRY

Synopsis:

No credit or arrest record, Delray Beach, Florida; residence not verifiable.

- RUC -

MM 161-418

RESULTS OF INVESTIGATION:

AT DELRAY BEACH, FLORIDA

The records of the Delray Beach Police Department, the Palm Beach County Sheriff's Sub Station and the Credit Bureau of Delray Beach, Florida, all examined February 24, 1966, failed to reflect any reference identifiable with the appointee.

[REDACTED] Holiday House Apartments and Motel, 2575 South Ocean Boulevard, advised on February 24, 1966, that she has no records prior to 1955, and the records of the former owners have long since been destroyed.

b6
b7c

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE CHARLOTTE	OFFICE OF ORIGIN BUREAU	DATE 2/28/66	INVESTIGATIVE PERIOD 2/18/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY SA ROBERT S. MOORE	TYPED BY cst
		CHARACTER OF CASE SPECIAL INQUIRY	

REFERENCES:

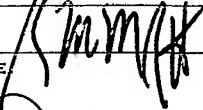
Report of SA JAMES W. CANNON at Charlotte, 10/2/59,
entitled "CHARLES HARD TOWNE, SPECIAL INQUIRY."

Report of SA JAMES W. CANNON at Charlotte, 5/8/47,
entitled "CHARLES HARD TOWNE, AEA-A."

Bureau airtel dated 2/16/66.

-RUC-

A*
COVER PAGE

APPROVED  SPECIAL AGENT IN CHARGE COPIES MADE 1 - Bureau 1 - Charlotte (161-462)	DO NOT WRITE IN SPACES BELOW <div style="border: 1px solid black; padding: 5px; margin: 5px;"> 161-4379-13 </div> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> NOT RECORDED 11 MAR 3 1966 </div>				
Dissemination Record of Attached Report					
Agency					
Request Recd.					
Date Fwd.					
How Fwd.					
By					

54 MAY 3 1966 126

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: SA ROBERT S. MOORE
Date: 2/28/66

Office: CHARLOTTE

Field Office File #: 161-462

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis: No arrest record identifiable with MARY TOWNE NYLAND,
sister, Weaverville, N. C., located.

- RUC -

DETAILS:

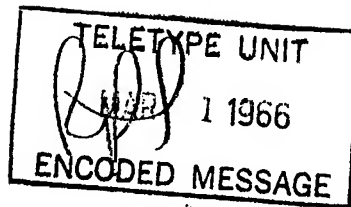
On February 18, 1966, Chief of Police CLEVE HONEYCUTT, Weaverville, North Carolina, advised he had no record identifiable with MARY TOWNE NYLAND.

Chief HONEYCUTT advised the only family named NYLAND in this area is the family of Captain FRITZ C. NYLAND and his wife, who live on Hamburg Mountain Road. Captain NYLAND is a retired officer from the Armed Forces. He and his wife are very well regarded in this area and are very reputable citizens.

On February 18, 1966, [redacted] Buncombe County Bureau of Identification, and [redacted] Asheville Police Department, both Asheville, North Carolina, near Weaverville, North Carolina, and major city in this area, advised they had no arrest records identifiable with MARY TOWNES NYLAND or Captain FRITZ C. NYLAND.

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b7c

1*



Mr. Tolson	_____
Mr. DeLoach	_____
Mr. Mohr	_____
Mr. Wick	_____
Mr. Casper	_____
Mr. Callahan	_____
Mr. Conrad	_____
Mr. Felt	_____
Mr. Gale	_____
Mr. Rosen	_____
Mr. Sullivan	_____
Mr. Tavel	_____
Mr. Trotter	_____
Tele. Room	_____
Miss Holmes	_____
Miss Gandy	_____

\$

FBI NEW YORK

4:48 P M EST URGENT 3-1-66 JAM
TO DIRECTOR //7/// PHILADELPHIA AND WASHINGTON FIELD
FROM NEW YORK 161-2016 2P

CHARLES HAROLD TOWNES SPI
BUDED MARCH TWO SIXTYSIX

✓ MR. CLEVELAND
ROOM 1246

you [signature]

OFFICE OF SCIENCE AND TECHNOLOGY, WHITE HOUSE, HAS REQUESTED INVESTIGATION OF TOWNES WHO IS BEING CONSIDERED FOR WHITE HOUSE CLEARANCE. HE WAS BORN JULY TWO EIGHT, ONE NINE ONE FIVE, GREENVILLE, SOUTH CAROLINA, AND RESIDES AT FIVE FOLLEN STREET, CAMBRIDGE, MASSACHUSETTS.

A REVIEW OF "THE NEW YORK TIMES" MORGUE REFLECTS THAT DOCTOR TOWNES HAD RECEIVED THE RUMFORD PREMIUM AWARD AWARD ON MARCH EIGHT, ONE NINE SIX ONE, AND THE JOHN J. CARTY MEDAL ON MARCH TWO FOUR, ONE NINE SIX TWO, FROM THE AMERICAN ACADEMY OF ARTS AND SCIENCES. HE ALSO WAS A DEFENDANT IN A SUIT BROUGHT ON DECEMBER NINE, ONE NINE SIX FIVE, BY R. GORDON GOULD VS. DOCTOR CHARLES H. TOWNES OF MIT AND HIS BROTHER-IN-LAW, DOCTOR ARTHUR L. SHAWLOW OF STANFORD UNIVERSITY, IN THE UNITED STATES COURT OF CUSTOMS AND PATENT APPEALS, WASHINGTON, DC, ON A PATENT INFRINGEMENT.

Al

END PAGE ONE

TWO COPIES TO WFO

54-4379-14
TWO COPIES WFO

*1cc destroyed
jm*

161-4379-14
NOT RECORDED
APR 25 1966

PAGE TWO

WASHINGTON FIELD WILL VERIFY AWARDS AND REVIEW LAW SUIT.

DOCTOR TOWNES WAS ALSO AWARDED AN HONORARY DOCTOR OF SCIENCES DEGREE FROM SWARTHMORE COLLEGE, SWARTHMORE, PENNSYLVANIA, ON JULY ONE THREE, ONE NINE SIX THREE. HE WAS AWARDED THE JOHN SCOTT AWARD BY THE BOARD OF CITY TRUSTS, PHILADELPHIA, PENNSYLVANIA SAME DATE.

PHILADELPHIA WILL VERIFY THESE AWARDS.

BUREAU REQUESTS THAT THIS INVESTIGATION BE COMPLETED IMMEDIATELY AND SUREP.

END

JDL R RELAY

FBI WASH DC

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE NEWARK	OFFICE OF ORIGIN/ BUREAU	DATE 3/1/66	INVESTIGATIVE PERIOD 2/23/66 - 2/28/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY WILLIAM G. BEDELL	TYPED BY laf
		CHARACTER OF CASE SPI	

REFERENCES

Bureau airtel to Washington Field, dated 2/16/66.
 Bureau airtel to Washington Field, dated 2/24/66.
 New York airtel to Newark, dated 2/25/66.

- RUC -

ADMINISTRATIVE

New Jersey background has set forth in Security Investigation Data Form has all been covered by prior investigations. Reports of SA GERHARD P. HUNDT, captioned "AEC - APPLICANT", dated 5/7/47, Bureau File 116-4864. Report of SA WILLIAM P. HOLLOWAY, which was a special inquiry investigation, dated 10/2/59.

In view of the fact that the applicant listed employment 1939 to 1947, the Bell Telephone Laboratories, Murray Hill, N.J., [redacted] of the Security Office, Bell Telephone Laboratories, Murray Hill, was contacted, at which time he advised that TOWNES had been assigned to the laboratories in New York at 463 W. Street, NYC, and had not been associated with the company at Murray Hill.

APPROVED

SPECIAL AGENT
IN CHARGE

COPIES MADE:

- 1 - Bureau
 1 - Newark (161-876)

DO NOT WRITE IN SPACES BELOW

161-4379-15

REC 51

RECORDED

10 MAR 2 1966

ST-101

DISSEMINATION RECORD OF ATTACHED REPORT

AGENCY.....				
REQUEST RECD.....				
DATE FWD.....				
HOW FWD.....				
BY.....				

NOTATIONS

NK 161-876

It is noted in prior background data sheets; TOWNES listed employment with Bell Laboratories in New York for the same period.

A special inquiry investigation was conducted on MARVIN LEONARD GOLDBERGER, in 1961, Bureau file 116-20957. GOLDBERGER listed as an associate in this investigation.

On July 26, 1963, [redacted] a highly sensitive source, advised that the name, [redacted]

b6
b7C
b7D

Background of GOLDBERGER has been furnished to the Bureau in the case captioned "MARVIN L. GOLDBERGER, ESPIONAGE - R [redacted]"

B*
COVER PAGE

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: WILLIAM G. BEDELL
Date: March 1, 1966

Office: Newark, New Jersey

Field Office File #: 161-876

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis: Associate MARVIN L. GOLDBERGER, Professor of Physics, Princeton University and associate Dr. JOHN A. WHEELER, President of the American Physical Society, both of Princeton, New Jersey, recommend appointee as person of good character, reputation, careful of associates and a loyal American.

- RUC -

DETAILSDATE: February 22, 1966
AT : Princeton, New Jersey
NAME: SA DANIEL E. BRANDTASSOCIATES*MARVIN LEONARD GOLDBERGER N.Y.*

MARVIN L. GOLDBERGER, Professor of Physics, Princeton University, Princeton, New Jersey, advised on February 23, 1966, that he first met CHARLES TOWNES during 1953, when they both were at a summer physics session at the Brookhaven Laboratories.

In 1963 was in contact with Soviets.

He has had close association with TOWNES since 1959, as he (GOLDBERGER) is a consultant with the Institute For Defense Analyses (IDA), Princeton, New Jersey, and TOWNES is the Vice President in charge of research for IDA in the Washington, D.C. Office.

GOLDBERGER stated TOWNES was a loyal American citizen of the best character, reputation, ability and associates. He stated he would not hesitate in recommending TOWNES for a position of trust with the Government.

NK 161-876

On February 28, 1966, Dr. JOHN A. WHEELER, Professor of Physics, Princeton University, Princeton, New Jersey, advised SA DANIEL E. BRANDT that he has known TOWNES since World War II and has had close association with him since 1958. According to Dr. WHEELER, they were together on (Project Jason) and together at the institute for Defense Analyses. They have been closely associated as officers in the American Physical Society.

Dr. WHEELER advised that TOWNES, who is presently Provost at Massachusetts Institute of Technology, has visited at the WHEELER home with his wife and children.

Dr. WHEELER considers TOWNES to be a reliable individual of the best character and reputation. He is careful of his associates and a loyal American. Dr. WHEELER said he would recommend TOWNES for a sensitive position in the United States Government.

Tolson _____
 DeLoach _____
 Mohr _____
 Wick _____
 Casper _____
 Callahan _____
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 Rosen _____
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 Trotter _____
 Tele. Room _____
 Holmes _____
 Gandy _____

DECODED COPY

☐ AIRGRAM ☐ CABLEGRAM ☒ RADIO ☐ TELETYPE

R-76

DEFERRED 3-1-66 1:11 PM
 TO DIRECTOR AND WASHINGTON FIELD
 FROM ST. LOUIS 011742

✓ MR. CLEVELAND
 RCL 1246

Yof

CHARLES HARD TOWNES, SPI. BUDED: MARCH 2 NEXT.

RE DENVER TEL TO ST. LOUIS, FEBRUARY 28, LAST, NO COPY BUREAU. RETEL INDICATED APPOINTEE'S OPF FOR PRIOR COMMERCE EMPLOYMENT FORWARD FRC, REQUESTED ST. LOUIS REVIEW.

CSC LOCATOR FILES, FRC, INDICATED APPOINTEE WAS EMPLOYED BY DEPT. OF AIR FORCE, NAVY DEPT., AND NASA, APPARENTLY CURRENTLY EMPLOYED AS CONSULTANT BY NASA, OFFICE OF ASSOCIATE ADMINISTRATOR FOR MANNED SPACE FLIGHT, WASH., D.C., OPF LOCATED IN NASA HEADQUARTERS, WASH., D.C.

WASHINGTON FIELD REVIEW NASA OPF.

ST. LOUIS EXPERIENCING DIFFICULTY LOCATING RECORDS FRC. WILL SUBMIT SUMMARY TEL SETTING FORTH NECESSARY LEADS IMMEDIATELY UPON RECEIPT OF RE RECORDS. P.

RECEIVED: 1:33 PM MCS

2 CC WASHINGTON FIELD

*1/c destroyed
 Jm*

164-4379-16

54-1-1-1

128

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE NEW YORK	OFFICE OF ORIGIN BUREAU	DATE 3/1/66	INVESTIGATIVE PERIOD 2/21-3/1/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY ALBERT FRANZ	TYPED BY tba
		CHARACTER OF CASE SPI	

REFERENCES:

Bureau airtels to WFO 2/16 and 18/66.

- RUC -

ADMINISTRATIVE

Bureau is referred to its "Secret" letterhead memorandum dated 12/6/63, [redacted]

[redacted] Professor CHARLES TOWNES of MIT is mentioned as a contact of one [redacted]

With reference to the matter of [redacted] Bufiles [redacted] who had been a student of Dr. CHARLES H. TOWNES at Columbia University in [redacted]

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APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1-Bureau 1-New York (161-2016)		161-4379-18	REC 5
		RECORDED 11 MAR 2 1966	ST-101
Dissemination Record of Attached Report		Notations	
Agency		<i>[Signature]</i> SAC, NY	
Request Recd.			
Date Fwd.			
How Fwd.			
By			

54 MAY 3 1966/24

NY 161-2016

1950, NY does not have any further information outside of the subject's attendance at two meetings of the Chinese Association of Scientific Workers. This information has not been included in this report. Bureau is also referred to the report of SA [redacted] dated 6/8/55, at NY. The original source came from [redacted]

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- B* -
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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: ALBERT FRANZ
Date: 3/1/66
Office: New York, New York
Field Office File #: 161-2016
Bureau File #:
Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis:

Dr. CHARLES H. TOWNES is highly regarded by his former associates at Columbia University. He is a VP of the American Physical Society. Credit record satisfactory. No arrest or BSS record NY. "NY Times" reflects a number of awards have been given to Dr. TOWNES.

- RUC -

NY 161-2016

DETAILS:

Employment

Columbia University
116th Street and Broadway
New York, New York

On February 23, 1966, IC [] was advised by [] Office Assistant, Personnel Office, that Dr. CHARLES HARD TOWNES had resigned from Columbia on June 30, 1961, at the end of his leave of absence since 1959.

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On March 1, 1966, [] Office of the Secretary, advised that DR. CHARLES H. TOWNES was awarded an honorary Doctor of Science degree on June 4, 1963, from Columbia University.

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On February 24, 1966, [] Administrative Assistant, Department of Physics, advised that she recalled Dr. TOWNES having been associated with this department for many years and that he was currently the Provost at the Massachusetts Institute of Technology (MIT). He left Columbia as of July 1, 1961.

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[] stated that Dr. TOWNES was highly regarded as to character, loyalty and reputation.

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Dr. I. I. RABI advised on February 24, 1966, that he is a long time associate of Dr. TOWNES who is a Nobel Prize winner.

He stated that Dr. TOWNES is an outstanding man in the field of science and was currently the Provost at MIT where he still continues to enjoy a high reputation. Dr. RABI stated that he would unqualifiedly recommend Dr. TOWNES for any position of trust with the United States Government.

NY 161-2016

Dr. RABI stated that Dr. TOWNES had left Columbia during 1959 when he went to Washington, D. C. where he was employed until 1961 and after his leave of absence he resigned from Columbia to accept the position of Provost at MIT.

On February 24, 1966, Professor RONALD W. SIEGEL advised that he had been acquainted with Dr. TOWNES for many years as an associate at Columbia University and would highly recommend Dr. TOWNES as an outstanding scientist of great repute.

He stated that Dr. TOWNES had recently been awarded an honorary degree from Hebrew University and he would gladly recommend him for a position of trust with the United States Government.

On February 24, 1966, Dr. POLYKARP KUSCH advised that he has been acquainted with Dr. TOWNES for many years as a personal friend and a scientist. He stated that Dr. TOWNES is a highly respected man in the field of science, is a good religious man of the highest moral character and is a loyal American. He stated that he knew of nothing that would reflect adversely upon him and he would not hesitate in recommending him for any position of trust with the government.

On February 24, 1966, [redacted] Chairman, advised that he came to Columbia at the time that Dr. TOWNES had left and that he only knew him by general reputation which is outstanding.

On February 24, 1966, Dr. SHIRLEY L. QUIMBLY advised that he was a former associate of Dr. TOWNES at Columbia and is also personally acquainted with him through the American Physical Society of which Dr. QUIMBLY is Treasurer. He also stated that Dr. TOWNES is a Vice President of the American Physical Society, is an outstanding scientist of high repute and a man of unquestionable reputation, loyalty, morals and character. He stated he would highly recommend Dr. TOWNES for any position of trust with the United States Government.

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NY 161-2016

Credit

On February 23, 1966, [redacted] Clerk, Credit Bureau of Greater New York, advised IC [redacted] that the record concerning Dr. TOWNES and his wife is considered satisfactory.

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Arrest

On February 23 and 24, 1966, SA AUGUST J. MICEK caused the records of the New York City Police Department (NYCPD) to be checked by Deputy Inspector [redacted] Bureau of Criminal Identification; Patrolman [redacted] Information Unit; Sergeant [redacted] Old Record Room (all of the above of the NYCPD); [redacted] Fingerprint Bureau, Criminal Court of the City of New York. No record was located for Dr. CHARLES HARD TOWNES or FRANCES H. TOWNES.

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Miscellaneous

On February 25, 1966, SA MICEK caused the records of the Bureau of Special Services, NYCPD, to be checked by Inspector [redacted]. No record was located for the appointee or his wife.

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On February 24, 1966, Dr. KARL K. DARROW, Secretary, American Physical Society, Room 901, Pupin Hall, Columbia University, 120th Street and Broadway, New York, New York, advised that he has been acquainted with Dr. TOWNES ever since he had been employed by Bell Laboratories.

Dr. DARROW stated that he knew of no better man to recommend to the government as an outstanding scientist and one of excellent character, reputation and loyalty.

Dr. DARROW stated that since Dr. TOWNES had left Columbia in 1959 for a position at Washington, D. C., and subsequently at MIT, he has been awarded numerous honorary degrees in the field of science in which he excels.

NY 161-2016

On February 28, 1966, [redacted] Information Receptionist, "The New York Times" Morgue, 229 West 43rd Street, New York, New York, advised IC [redacted] of the following information which appeared in "The New York Times":

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On March 9, 1961, an article reflects that Dr. TOWNES of Columbia University was awarded the Rumford Premium of the American Academy of Arts and Science for his research in developing the MASER.

On June 11, 1963, an article reflects that an honorary Doctor of Science degree was awarded Dr. TOWNES, Provost of MIT, from Swarthmore College.

In an article dated March 25, 1962, Dr. TOWNES received the National Academy of Science award of its JOHN J. CARTY Medal.

In an article dated July 14, 1963, Dr. TOWNES was honored with the JOHN SCOTT award for his invention of devices extensively used in space studies by the Board of City Trusts, Philadelphia, Pennsylvania.

In an article on March 23, 1961, Dr. TOWNES was named Provost of MIT.

In November, 1964, Dr. TOWNES was awarded a Nobel Prize for "Microwave Amplification by Stimulated Emission of Radiation".

In an article dated February 14, 1966, Hebrew University gave Dr. TOWNES an honorary Doctor of Philosophy degree for having assisted in the development of modern physical research in Israel and for encouraging the exchange of students between Hebrew University and MIT.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE COLUMBIA	OFFICE OF ORIGIN BUREAU	DATE 3/1/66	INVESTIGATIVE PERIOD 2/25/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY SA 	TYPED BY jc ^{b6} _{b7c}
		CHARACTER OF CASE SPECIAL INQUIRY	

REFERENCES: Charlotte report of SA JAMES W. CANNON, 5/8/47
 (CHARLES HARD TOWNES - Atomic Energy Act Applicant) .
 Charlotte report of SA JAMES W. CANNON, 10/2/59
 (CHARLES HARD TOWNES - Special Inquiry).
 Charlotte letter to Columbia, 2/17/66.
 Bureau airtel to Columbia, et al, 2/16/66.

- RUC -

*Traffic on
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COVER PAGE

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Case has been: Pending over one year ☐ Yes ☐ No; Pending prosecution over six months ☐ Yes ☐ No

APPROVED

[Signature]
SPECIAL AGENT
IN CHARGE

DO NOT WRITE IN SPACES BELOW

COPIES MADE:

- ① - Bureau
 1 - Columbia (161-16)

161-4379-19

NOT RECORDED
 2 MAR 3 1966

Dissemination Record of Attached Report

Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By				

Notations

[Signature]
Spec Inq

54 MAY 2 1966 126

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: SA [REDACTED] Office: COLUMBIA
Date: 3/1/66
Field Office File #: 161-16 Bureau File #:
Title: CHARLES HARD TOWNES

b6
b7C

Character: SPECIAL INQUIRY

Synopsis: Names and residences of CHARLES HARD TOWNES' mother, brother and sister at Greenville and Cleveland, S. C., verified. Identification check negative regarding applicant, brother and sister and their spouses. ELLEN HARD TOWNES fined \$10.00, 1961 for traffic violation.

- RUC -

DETAILSAT GREENVILLE, S. C.IDENTIFICATION

On February 25, 1966, the following persons checked the records of their respective agencies and all advised they could locate no record for any of the following persons: CHARLES HARD TOWNES, ROBERT K, TAYLOR, JR., Mrs. ROBERT K. TAYLOR, JR., NEE ELLEN TOWNES, GEORGE F. TOWNES and LAURA J. TOWNES:

[REDACTED] Clerk of Court, Greenville County.
[REDACTED] Record Section, Greenville
Police Department.

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CO 161-16

Detective Lieutenant [redacted] Greenville
Police Department.

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Chief Deputy [redacted] Greenville County
Sheriff's Office.

On February 25, 1966, these individuals also checked their respective records regarding ELLEN HARD TOWNES, the Applicant's mother, and with the exception of [redacted] they could locate no record identifiable with Mrs. TOWNES. [redacted] advised her records reflected that ELLEN HARD TOWNES, a white female, 79 years of age, residing E. Hillcrest, Greenville, S. C., was fined \$10.00 on January 9, 1961, for "failing to yield the right of way".

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AT CLEVELAND, S. C. (GREENVILLE COUNTY)

MISCELLANEOUS

On February 25, 1966, [redacted]
[redacted] JARRARD's Supermarket, Highway 276, Cleveland, S. C., advised she knows GEORGE FRANKLIN TOWNES who resides with his wife LAURA on the Star Route, Cleveland.

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AT GREENVILLE, S. C.

On February 25, 1966, [redacted]
[redacted] advised she knows ROBERT K. TAYLOR, JR., and his wife ELLEN TOWNES TAYLOR, who reside at 4205 Buncombe Road.

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On February 25, 1966 [redacted]
[redacted] advised she is acquainted with Mrs. ELLEN HARD TOWNES, widow of HENRY K. TOWNES, who livessat 17 E. Hillcrest Drive.

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE ST. LOUIS	OFFICE OF ORIGIN BUREAU	DATE 3/2/66	INVESTIGATIVE PERIOD 3/1/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY IC 	TYPED BY paw ^{b6} ^{b7C}
		CHARACTER OF CASE SPECIAL INQUIRY	


REFERENCE:

Denver teletype to St. Louis (IO), 2/28/66.
 St. Louis radiogram to Bureau and Washington Field, 3/1/66.
 St. Louis teletype to Bureau, Washington Field and Denver,
 3/2/66.

STATUS:

- RUC -

- A* -
COVER PAGE

APPROVED	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: ① - Bureau (AM) 1 - St. Louis (161-2221)		161-4379-20	
		NOT RECORDED 4 MAR 3 1966	
		Notations 	
Dissemination Record of Attached Report			
Agency			
Request Recd.			
Date Fwd.			
How Fwd.			
By			

54 MAY 3 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

IC [REDACTED]

Office:

ST. LOUIS

b6
b7C

Date:

March 2, 1966

Field Office File #:

161-2221

Bureau File #:

Title:

CHARLES HARD TOWNES

Character:

SPECIAL INQUIRY

Synopsis:

Records, FRC, St. Louis, Mo., indicated CHARLES HARD TOWNES employed by Dept. of Commerce, Washington, D. C., New York, New York, and Boulder, Colorado, as WAE Expert, terminated by reason shown only as "In accordance with Presidential Memorandum dated 2/9/62." Former Commerce supervisor's identity set forth. Appointee's denial to accept re-employment with Commerce as WAE Consultant noted. Employed by Dept. of Air Force, Washington, D. C., as WAE & WOC Consultant, terminated by reason of expiration of term of appointment - completion of assignment. Coetaneous employment and security clearance (TOP SECRET) noted. Employed by Dept. of Air Force, Los Angeles, Calif., as WAE Consultant, terminated by reason of expiration of term of appointment. Security clearance and coetaneous employment noted. Employed by Dept. of Navy, Washington, D. C., as WOC Consultant under NPS contract, terminated by reason of expiration of term of contract. Security clearance based on FBI investigation in 1959 indicated. Coetaneous employment again noted. CSC locator files indicating appointee currently employed by NASA, Washington, D. C., and location of OPF for same set forth.

- RUC -

DETAILS: AT ST. LOUIS, MISSOURI

On March 1, 1966, a review of the personnel records on file at the Federal Records Center disclosed CHARLES HARD

SL 161-2221

TOWNES was employed on August 16, 1948, as an Expert on a "when actually employed" basis with the Department of Commerce, National Bureau of Standards, Central Radio Propagation Laboratory, Microwave Standards Division, Microwave Spectroscopy Section, at Washington, D. C. Effective July 1, 1954, his headquarters were redesignated as Boulder Laboratories, Radio Standards Division, Microwave Standards Section, Boulder, Colorado, however, the duty station remained shown as Washington, D. C. On December 4, 1955, he was reassigned to the Office of the Chief - Radio Standards Division. On December 10, 1961, his duty station was transferred to New York, New York, and effective February 4, 1962, he was transferred to the Office of the Chief - Radio Standards Laboratory, Boulder, Colorado, with duty station also shown as Boulder, Colorado.

This employment was terminated on June 30, 1962, as an Expert on a "when actually employed" basis, by reason shown only as "In accordance with Presidential Memorandum dated February 9, 1962." The referenced "Presidential Memorandum" or contents thereof were not disclosed in the records and further details regarding this period of "when actually employed" employment and separation therefrom were not noted in the personnel records.

Appointee's National Bureau of Standards supervisors as the time of the aforementioned separation were identified in the records as JOHN M. RICHARDSON, Chief - Radio Standards Laboratory, Boulder, Colorado, and E. C. WOLZIEN, Assistant Chief - Radio Standards Laboratory, Boulder, Colorado.

It was noted in their personnel records that appointee's former National Bureau of Standards supervisor, the aforementioned JOHN M. RICHARDSON, requested appointee subsequently return to his former position as Consultant with the Bureau of Standards during 1962, however, by letter dated August 16, 1962, appointee advised RICHARDSON he was unable to devote the time required for further work with the Radio Standards Laboratory.

The records showed appointee was employed on January 5, 1959, as a Consultant on a "when actually employed" basis under a temporary appointment (not to exceed June 30, 1962) with the Department of the Air Force, Headquarters, United States Air Force, Office of the Chief of Staff, Scientific Advisory Board,

SL 161-2221

at Washington, D. C. Effective December 28, 1959, he was reassigned from a "when actually employed" (per diem) employment basis to a "without compensation" employment basis, without change in designation or duty station.

This employment was terminated on June 30, 1962, as a Consultant on a "without compensation" basis, by reason of separation due to expiration of term of appointment - completion of assignment.

It was noted appointee was coetaneously employed by the Department of Commerce - National Bureau of Standards and the Department of the Air Force - Office of the Chief of Staff, during the period January 5, 1959, through June 30, 1962, however, both employments were of a "when actually employed" and/or "without compensation" nature.

Appointee was granted an interim type security clearance by the Department of the Air Force on August 21, 1959, for access to information and material classified up to and including TOP SECRET. It was indicated this security clearance was based on the satisfactory results of a "National Agency Check" conducted by the Civil Service Commission at Washington, D. C., however, further details were not noted.

The personnel records revealed appointee was employed on October 21, 1960, as a Consultant on a "when actually employed" basis under a temporary appointment (not to exceed June 30, 1961) with the Department of the Air Force, Headquarters, Air Research and Development Command, Air Force Ballistic Missile Division, Air Force Space Study Committee, at Los Angeles, California.

This employment was terminated on June 30, 1961, as a Consultant on a "when actually employed" basis, by reason of separation due to expiration of term of appointment, further details not noted.

It was indicated appointee was granted a final type security clearance by the Department of the Air Force on October 24, 1960, for access to information and material classified up to and including TOP SECRET. This clearance was apparently issued as a result of satisfactory completion of a "background" type investigation conducted by the Department of the Air Forces' Office of The Inspector General at Washington, D. C., however, further details were not noted.

SL 161-2221

It was noted appointee was also coetaneously employed by the Department of the Air Force - Air Research and Development Command and the Department of Commerce - National Bureau of Standards and the Department of the Air Force - Office of the Chief of Staff, during the period October 24, 1960, through June 30, 1961, however, these employments were of a "without compensation" and "when actually employed" nature.

The records showed appointee was employed on September 15, 1961, as a Consultant on a "without compensation" basis under a personal services contract (NPS - ONR-38) with the Department of the Navy, Office of Naval Research, Naval Research Laboratory, Office of the Director of Research, at Washington, D. C.

This employment was terminated on June 30, 1962, as a Consultant on a "without compensation" basis, by reason of separation due to expiration of term of contract.

It was indicated appointee was granted a final type security clearance by the Department of the Navy on August 11, 1961, for access to information and material classified up to and including SECRET. This clearance was based on the apparent satisfactory results of a "background" type investigation completed on October 14, 1959. The agency conducting this referenced investigation was identified as the Federal Bureau of Investigation, however, further details concerning this matter were not noted.

It is noted appointee was again coetaneously employed by the Department of the Navy - Office of Naval Research and the Department of the Air Force and Department of Commerce as previously indicated during the period September 15, 1961, through June 30, 1962.

Appointee's date and place of birth were shown in the personnel records at the Federal Records Center as July 28, 1915, at Greenville, South Carolina.

A review of the Civil Service Commission's Service Record Division locator files at the Federal Records Center indicated in addition to the aforementioned Federal employments, appointee also received an appointment on July 1, 1964, as

SL 161-2221

a consultant on a "per diem" intermittent basis with the National Aeronautics and Space Administration, Office of the Associate Administrator for Manned Space Flight, at Washington, D. C.

No termination of this appointment was set forth, indicating appointee apparently currently employed as noted by the National Aeronautics and Space Administration and the official personnel folder regarding this employment would be located at the current employing agency.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE DETROIT	OFFICE OF ORIGIN BUREAU	DATE 3/2/66	INVESTIGATIVE PERIOD 2/24-25/66
TITLE OF CASE <div style="text-align: center;">0 CHARLES HARD TOWNES</div>		REPORT MADE BY SA ROBERT L. MAYFIELD	TYPED BY d11
		CHARACTER OF CASE <div style="text-align: center;">SPI</div>	

REFERENCES: Bureau airtel to Washington Field Office, dated 2/16/66.
Report of SA ROBERT L. MAYFIELD, at Detroit, dated 10/6/59.

- RUC -

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APPROVED

COPIES MADE:

- ① - Bureau
1 - Detroit (161-607)

SPECIAL AGENT
IN CHARGE

DO NOT WRITE IN SPACES BELOW

161-4379-21
NOT RECORDED

4 MAR 3 1966

Dissemination Record of Attached Report

Agency				
Request Recd.				
Date Fwd.				
How Fwd.				
By				

Notations

[Signature]

54 MAY 1966 128

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: SA ROBERT L. MAYFIELD Office: Detroit, Michigan
Date: 3/2/66
Field Office File #: 161-607 Bureau File #:
Title: CHARLES HARD TOWNES
Character: SPECIAL INQUIRY

Synopsis: Police and Credit records, Ann Arbor, Mich., make no reference to HENRY K. TOWNES, 5950 Warren Road, Ann Arbor, Mich., brother of appointee. Residence verified through University of Michigan records.

- RUC -

DETAILS:RELATIVESAt Ann Arbor, Michigan:

On February 25, 1966, [redacted] Secretary, Faculty Personnel Files, University of Michigan, Ann Arbor, advised her records reveal HENRY KEITH TOWNES, Research Associate, School of Natural Resources, has been employed at the University of Michigan since April, 1956. She advised HENRY KEITH TOWNES resides at 5950 Warren Road, Ann Arbor, Michigan. She advised her files reveal HENRY KEITH TOWNES is married to MARJORIE CHAPMAN TOWNES and there are [redacted]

[redacted] She advised there is no unfavorable information in the files regarding HENRY KEITH TOWNES.

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DE 161-607

POLICE AND CREDIT RECORDS

On February 24, 1966, [redacted] Secretary,
Record Bureau, Ann Arbor Police Department, and [redacted]
[redacted] Clerk, Record Bureau, Washtenaw County Sheriff's Office,
advised the records of their respective offices made no
reference to HENRY KEITH TOWNES, MARJORIE CHAPMAN TOWNES,
[redacted] 5950 Warren
Road, Ann Arbor, Michigan.

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On February 24, 1966, [redacted] Manager,
Credit Bureau, Ann Arbor, advised the records of his office
make no reference to HENRY KEITH TOWNES, 5950 Warren Road,
Ann Arbor, Michigan. He advised his records only refer to
the male head of the family.

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FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION

MAR 2 1966

TELETYPE

Mr. Tolson	_____
Mr. DeLoach	_____
Mr. Mohr	_____
Mr. Wick	_____
Mr. Casper	_____
Mr. Callahan	_____
Mr. Conrad	_____
Mr. Felt	_____
Mr. Gale	_____
Mr. Rosen	_____
Mr. Sullivan	_____
Mr. Tavel	_____
Mr. Trotter	_____
Tele. Room	_____
Miss Holmes	_____
Miss Gandy	_____

FBI ST LOUIS

1249 URGENT 3-2-66 DCP

TO: DIRECTOR

WASHINGTON FIELD

DENVER

FROM: ST. LOUIS (161-2221)

MR. CLEVELAND
ROOM 1246

CHARLES HARD TOWNES. SPI. BUDED MAR. TWO, INSTANT.

REDNTEL TO SL, FEB. TWENTYEIGHT, LAST (IO); AND SL
RADIOGRAM TO BUREAU AND WFO, MAR. ONE, LAST.

FRC RECORDS DISCLOSED APPOINTEE EMPLOYED AUG. SIXTEEN,
FORTYEIGHT-JUNE THIRTY, SIXTYTWO, AS WAE EXPERT WITH DERT.
OF COMMERCE, BUREAU OF STANDARDS, WASHINGTON, D.C., NEW YORK,
N.Y., AND BOULDER, COLO., TERMINATED BY REASON SHOWN ONLY
"IN ACCORDANCE WITH PRESIDENTIAL MEMORANDUM DATED FEBRUARY
NINE, SIXTYTWO." FURTHER DETAILS AND CONTENTS REFERENCED
MEMO NOT NOTED.

FROMER BUREAU OF STANDARDS SUPERVISOR'S IDENTIFIED AS
JOHN M. RICHARDSON, CHIEF, AND E.C. WOLZIEN, ASS'T. CHIEF,
RADIO STANDARDS LAB., BOULDER, COLO.

OTHER COETANEOUS EMPLOYMENTS AS FOLLOWS:

END PAGE ONE

161-4379 - 22
NOT RECORDED

APR 25 1966

TWO COPIES WFO

54 MAY 3 1966

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PAGE TWO

SL 161-2221

JAN. FIVE, FIFTYNINE-JUNE THIRTY, SIXTYTWO, WAE AND WOC CONSULTANT WITH DEPT. OF AIR FORCE, OFFICE OF CHIEF OF STAFF, SCIENTIFIC ADVISORY BOARD, AT WASH., D.C., TERMINATED DUE TO EXPIRATION TERM OF APPOINTMENT.

OCT. TWENTYONE, SIXTY-JUNE THIRTY, SIXTYONE, AS WAE CONSULTANT WITH DEPT. OF AIR FORCE, AIR RESEARCH AND DEVELOPMENT COMMAND, AIR FORCE SPACE STUDY COMMITTEE, AT LOS ANGELES, CALIF., TERMINATED DUE TO EXPIRATION TERM OF APPOINTMENT.

SEPT. FIFTEEN, SIXTYONE, -JUNE THIRTY, SIXTYTWO, AS WOC CONSULTANT WITH DEPT. OF NAVY, NAVAL RESEARCH LAB., OFFICE OF DIRECTOR OF RESEARCH, AT WASH., D.C., UNDER NAVY PERSONAL SERVICES CONTRACT ONE-THIRTYEIGHT. TERMINATED BY REASON EXPIRATION OF CONTRACT.

INDICATION SECURITY CLEARANCES AS FOLLOWS:

AIR FORCE, AUG. TWENTYONE, FIFTYNINE, TOP SECRET, BASED ON NAC BY CSC.

AIR FORCE, OCT. TWENTYFOUR, SIXTY, TOP SECRET, BASED ON BACKGROUND INVESTIGATION BY OFFICE OF THE INSPECTOR GENERAL, WASH., D.C.

END PAGE TWO

PAGE THREE

SL 161-2221.

NAVY, AUG. ELEVEN, SIXTYONE, SECRET, BASED ON BACKGROUND INVESTIGATION BY FBI, DETAILS NOT SHOWN.

CSC LOCATOR FILES AT FRC INDICATED APPOINTEE APPARENTLY CURRENTLY EMPLOYED BY NASA, WASH., D.C., AS WAE CONSULTANT, LEAD PREVIOUSLY SET FORTH IN RESLRAD TO WFO FOR REVIEW OF OFF.

DENVER, THROUGH INTERVIEW WITH FORMER SUPERVISORS AND OTHER SOURCES, ASCERTAIN DETAILED REASON FOR APPOINTEE'S TERMINATION PRIOR COMMERCE EMPLOYMENT.

INASMUCH AS PREVIOUS INVESTIGATION OF APPOINTEE APPARENTLY CONDUCTED BY BUREAU NINETEEN SIXTYONE, FURTHER LEADS NOT BEING SET FORTH BY ST. LOUIS, UACB.

REPORT FOLLOWS.

P.

END.

WA...SXC

FBI WASH DC*

DN...RRH

001 DENVER

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BALTIMORE	OFFICE OF ORIGIN BUREAU	DATE 3/2/66	INVESTIGATIVE PERIOD 2/21/66 - 2/25/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY IC 	TYPED BY med
		CHARACTER OF CASE SPI	

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b7C

REFERENCE:

Bureau airtel dated 2/16/66.

- RUC -

- A* -
COVER PAGE

Case has been: Pending over one year ☐ Yes ☐ No; Pending prosecution over six months ☐ Yes ☐ No

APPROVED *Edwin R. Tully* SPECIAL AGENT IN CHARGE

COPIES MADE:

1-Bureau

1-Baltimore (161-1933)

DO NOT WRITE IN SPACES BELOW

161-4379-24

NOT RECORDED

18 MAR 3 1966

Dissemination Record of Attached Report

Agency					
Request Recd.					
Date Fwd.					
How Fwd.					
By					

Notations

54 MAY 3 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: IC [REDACTED]
Date: March 2, 1966
Field Office File #: BA 161-1933
Title: CHARLES HARD TOWNES

Office: Baltimore, Maryland

b6
b7C

Bureau File #:

Character: SPECIAL INQUIRY

Synopsis: Review of G-2 files reflects appointee subject of two partial background investigations completed 6/5/41 and 12/5/50 and National Agency Check completed 12/28/65, during which no unfavorable information developed.

- RUC -

DETAILS:AT BALTIMORE, MARYLANDMISCELLANEOUS:

The files of G-2, United States Army Investigative Records Repository, Fort Holabird, Maryland, made available by a representative of that agency, were reviewed on February 25, 1966. These files reflect that the appointee, CHARLES HARD TOWNES, was the subject of two partial background investigations completed on June 5, 1941 and December 5, 1950, during which no information was developed reflecting adversely upon his character, reputation, or loyalty.

G-2 files further reflect that the appointee was the subject of a National Agency Check conducted in connection with his attendance at the 1966 National Strategy Seminar at the United States Army War College, and completed on December 28, 1965, during which no information was developed reflecting adversely upon his character, reputation, or loyalty.

- 1* -

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE PHILADELPHIA	OFFICE OF ORIGIN BUREAU	DATE 3/2/66	INVESTIGATIVE PERIOD 3/2/66
TITLE OF CASE CHANGED		REPORT MADE BY JOHN J. MURRAY	TYPED BY JJM
CHARLES HAROLD TOWNES, aka: Charles Hard Townes		CHARACTER OF CASE SPECIAL INQUIRY	

Title of this report is marked "CHANGED" to include the name CHARLES HARD TOWNES, found in the records on appointee at both Swarthmore College and the Board of City Trusts in Philadelphia.

REFERENCE

New York tel Director 3/1/66.

- RUC -

- A* -
COVER PAGE

APPROVED

COPIES MADE:

① - Bureau

1 - Philadelphia (161-961)

SPECIAL AGENT
IN CHARGE

DO NOT WRITE IN SPACES BELOW

161-4379-25

RECORDED

4 MAR 8 1966

MCT-18

REC 5

ST-101

DISSEMINATION RECORD OF ATTACHED REPORT

NOTATIONS

AGENCY				
REQUEST RECD.				
DATE FWD.				
HOW FWD.				
BY				

54 MAY 3 1966

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: JOHN J. MURRAY
Date: MARCH 2, 1966

Office: PHILADELPHIA

Field Office File #: 161-961

Bureau File #:

Title: CHARLES HAROLD TOWNES

Character: SPECIAL INQUIRY

Synopsis: Dr. TOWNES received honorary degree from Swarthmore College in 1963 and JOHN SCOTT award at Philadelphia in 1964.

- RUC -

Details:

Investigation at Swarthmore was conducted by SA THOMAS F. LEWIS; at Philadelphia by SA JOHN J. MURRAY.

MISCELLANEOUS

AT SWARTHMORE, PA.

[REDACTED]

Swarthmore College, advised on March 2, 1966, that records of this office show CHARLES HARD TOWNES was presented an honorary degree of Doctor of Science at their regular Commencement exercises on June 10, 1963. This award was presented in recognition of his outstanding work in the field of Physics and in particular for his then recent discovery of the Laser light.

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AT PHILADELPHIA, PA.

[REDACTED]

[REDACTED] Wills Eye Hospital, 1601 Spring Garden Street, advised on March 2, 1966, that CHARLES HARD TOWNES was given the JOHN SCOTT award on October 30, 1964, for his invention of the Maser, an acronym for "Micro wave amplification by Stimulated Emission of Radiation."

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PH 161-961

The JOHN SCOTT awards were created in 1816 under the will of JOHN SCOTT, a chemist of Edinburgh, who bequeathed \$4,000 to the City of Philadelphia. He specified that the income should be distributed "among ingenious men and women who make useful inventions."

[redacted] Board of City Trusts and [redacted] the Advisory Committee on the JOHN SCOTT award, Room 1603, 1421 Chestnut St., advised on March 2, 1966, that he has met CHARLES HARD TOWNES only on the occasion when he presented him with the JOHN SCOTT award in Philadelphia on October 30, 1964. He said that on this occasion he found Dr. TOWNES to be a gracious and friendly type of man who made a very splendid impression on everyone present that day. He said that in his opinion Dr. TOWNES is a man of unusual capabilities and the checks they made prior to the granting of the award convinced him there is no question at all concerning either his character or loyalty to country.

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FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 3/2/66	INVESTIGATIVE PERIOD 2/23/66 - 3/1/66
TITLE OF CASE O CHARLES HARD TOWNES		REPORT MADE BY <div style="border: 1px solid black; width: 100px; height: 15px;"></div>	TYPED BY map
		CHARACTER OF CASE SPECIAL INQUIRY	

b6
b7CREFERENCE: Bureau airtel to WFO dated 2/16/66.

- RUC -

A*
COVER PAGE*al*Case has been: Pending over one year ☐ Yes ☐ No; Pending prosecution over six months ☐ Yes ☐ NoAPPROVED
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IN CHARGE

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1 - Bureau

1 - Boston (161-1521)

161-4379-26

NOT RECORDED

1 MAR 3 1966

Dissemination Record of Attached Report

Notations

Agency	Request Recd.	Date Fwd.	How Fwd.	By

54 MAY 3 1966 126

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UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: [REDACTED]

Date: 3/2/66

Office: Boston, Massachusetts

b6
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Field Office File #: 161-1521

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis: Employment verified and satisfactory. Neighborhood favorable. Credit and arrest checks set forth.

- RUC -

DETAILS:

Credit and arrest checks at Boston, Massachusetts, were made at the request of IC JOHN M. CRAWFORD.

EMPLOYMENT

On March 1, 1966, [REDACTED] Administrative Assistant, Office of the President, Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, advised that the appointee was born July 28, 1915, Greenville, South Carolina. He received his B.A. and B.S. degrees from Furman University, Greenville, South Carolina, in 1935; his M.A. degree from Duke University, Durham, North Carolina, in 1936; and his Ph.D. from the California Institute of Technology, Pasadena, California, in 1939. He was employed by MIT in September, 1961, and held the positions of Provost and Professor of Physics and still holds these positions..

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[REDACTED] stated that the appointee enjoys an outstanding reputation and is a holder of a Pulitzer Prize. She further advised that the appointee is a man of outstanding character, reputation, with good associates and a loyal American.

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NEIGHBORHOOD

On March 1, 1966, [REDACTED]

[REDACTED] advised that she has known the appointee and his wife and four daughters, who reside at 5 Follen Street, since they first moved into the neighborhood in 1962. She stated that the appointee is an outstanding person and is well liked by all the neighbors. She stated from her acquaintance with the appointee and his family she would not hesitate to recommend the appointee for any position of confidence and trust.

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On March 1, 1966, [REDACTED]

[REDACTED] advised that she is acquainted with the appointee and his wife and four daughters who reside at 5 Follen Street, Cambridge, Massachusetts. She stated that the appointee is a perfect gentleman and that his wife is very friendly and the four daughters are a credit to the appointee. She stated that she would not hesitate to recommend the appointee for any position of confidence and trust.

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On March 1, 1966, Mr. ERIC SCHROEDER, 9 Follen Street, Cambridge, Massachusetts, advised that he has lived in the neighborhood since 1938 and has been acquainted with the appointee since he moved into the neighborhood in 1962. Mr. SCHROEDER stated that the appointee and his wife and family are a credit to the neighborhood and that the appointee is a very brilliant man, having won the Pulitzer Prize. Mr. SCHROEDER stated that he would not hesitate to recommend the appointee for any position of confidence and trust.

BS 161-1521

On March 1, 1966, Mrs. JOHN K. GALBRAITH, 30 Francis Avenue, Cambridge, Massachusetts, advised that she rented her home to the appointee and his family for 1961-1962 when she and her husband went to India. She stated that the appointee and his family maintained her house in the same condition as she would have maintained it herself. She stated that they were ideal tenants and she received no complaints from neighbors concerning the appointee and his family during their residency.

On March 1, 1966, Dr. MARTHA ELLIOT, 21 Francis Avenue, Cambridge, Massachusetts, advised that she recalled the appointee and his family when they rented the home at 30 Francis Avenue from Mr. and Mrs. JOHN GALBRAITH. She stated that they did not mix socially; however, the appointee and his family were well liked in the neighborhood and caused absolutely no trouble.

On March 1, 1966, [redacted] stated that she knew the appointee and his family merely to speak to them on the street during the time of their occupancy at 30 Francis Avenue during 1961 and 1962. She stated that the appointee and his family were well liked in the neighborhood and from her limited association with the appointee and his family she considered them ideal neighbors.

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BS 161-1521

CREDIT

On February 23, 1966, personnel of the Credit Bureau of Greater Boston, Inc., 11 Beacon Street, Boston, Massachusetts, advised that the appointee enjoys a satisfactory credit rating.

ARREST

On March 1, 1966, personnel, Record Bureau, Cambridge, Massachusetts, Police Department, advised their files contained no information on CHARLES HARD TOWNES; FRANCES BROWN TOWNES, nee FRANCES HILDRETH BROWN, also known as Mrs. CHARLES HARD TOWNES; [REDACTED]

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On February 24, 1966, personnel of the Office of the Massachusetts Commissioner of Probation, Suffolk County Courthouse, Boston, Massachusetts, a central repository for all criminal conviction records within the Commonwealth of Massachusetts, advised their files reflect CHARLES H. TOWNES, born July 28, 1915, 5 Follen Street, Cambridge, Massachusetts, paid a \$5 fine in Cambridge District Court on November 13, 1963, for failing to have a safety sticker on his automobile. The records contained no information on FRANCES BROWN TOWNES, nee FRANCES HILDRETH BROWN, also known as Mrs. CHARLES HARD TOWNES; [REDACTED]

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ATTENTION: Inquiry Section
Investigative Division

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE DENVER	OFFICE OF ORIGIN BUREAU	DATE 3/4/66	INVESTIGATIVE PERIOD 3/3/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY KENNETH BRIDENSTINE	TYPED BY jt
		CHARACTER OF CASE SPI	

REFERENCE:

St. Louis teletype to Bureau dated 3/2/66.

- RUC -

A*

COVER PAGE

APPROVED <i>[Signature]</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1 - Bureau (AM) 1 - Denver (77-4041)		161- 4379- 27	
		NOT RECORDED 16 MAR 7 1966	
DISSEMINATION RECORD OF ATTACHED REPORT		NOTATIONS	
AGENCY.....		<i>[Signature]</i> 156-126	
REQUEST RECD.....			
DATE FWD.....			
HOW FWD.....			
BY.....			

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of: KENNETH BRIDENSTINE
Date: March 4, 1966

Office: Denver, Colorado

Field Office File #: 77-4041

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis:

Mrs. ELDRED D. WODZIEN, Assistant Chief, Radio Standards Laboratory, National Bureau of Standards, Boulder, Colorado, recommends.

- RUC -

DETAILS:EMPLOYMENT

National Bureau of Standards
Boulder, Colorado

Mr. ELDRED D. WODZIEN, Assistant Chief, Radio Standards Laboratory, advised he has never had any personal contact with appointee, either socially or professionally, but he has been well acquainted for many years with appointee's reputation as a scientist. He said this reputation is outstanding and he is certain in his own mind that appointee is a very able and outstanding physicist; that he is a man of integrity, and a loyal American.

Mr. WODZIEN explained that appointee had been carried on the rolls of the National Bureau of Standards as a consultant for many years and that his work, particularly in Washington, D.C., was in the Microwave Section. He said his services were not

DN 77-4041

KB:jkr

utilized in recent years to any great extent, particularly at the Laboratory in Boulder, and several years ago when the Conflict of Interest Laws were passed, the National Bureau of Standards had a choice of either terminating appointee or securing from him a large number of questionnaires dealing with his investment holdings, as well as his private consulting practice. Mr. WODZIEN said it was generally felt that since they had not been utilizing appointee's services, it would be simpler, and perhaps less embarrassing, to terminate appointee as a consultant rather than to cause him the inconvenience of executing these many long forms. He said that the termination could in no way be construed as unfavorable to appointee from the standpoint of his work as a consultant, his Americanism or his integrity.

F B I

Date: 3/7/66

Transmit the following in _____
(Type in plaintext or code)Via AIRTEL _____
(Priority)

TO : DIRECTOR, FBI
FROM : SAC, WFO (161-3562) (RUC)
CHARLES HARD TOWNES
SPI

Re report of SA [] dated 3/2/66,
at Washington, D. C.

On 3/4/66, IC [] caused a search
to be made of the files of the Office of Naval Intelligence
(ONI) and was advised the files contained no additional
pertinent information concerning the appointee.

On 3/7/66, IC [] caused a search
to be made of the files of the Office of Special Investiga-
tions (OSI), Department of the Air Force, and was advised
the files contained no additional pertinent information
concerning the appointee.

① - Bureau
1 - WFO

JCS:kba
(2)

AIRTEL

161-4379-28

NOT RECORDED

APR 25 1966

Approved: _____ Sent _____ M Per _____

Special Agent in Charge

1 - Mr. Young

3/8/66

PLAINTEXT

TELETYPE

URGENT

TO SAC BOSTON

FROM DIRECTOR FBI

CHARLES HARD TOWNES, SPECIAL INQUIRY.

YOU HAVE INTERVIEWED ONLY ONE PERSON AT MIT WHERE TOWNES HAS BEEN EMPLOYED SINCE SEPTEMBER SIXTYONE. INTERVIEW ADDITIONAL PERSONS THERE INCLUDING PERSONS NAMED ON PSQ AS REFERENCES.

ADVISE WHEN TOWNES RECEIVED PULITZER PRIZE AND REASON FOR AWARD. ALSO COVER HIS AWARD OF NOBEL PRIZE IN SIXTYFOUR AND REASON FOR SAME.

HANDLE AT ONCE AND SUTEL BY COB TODAY IN LANGUAGE SUITABLE FOR DISSEMINATION, FOLLOWED BY REPORT.

161-4379-29
NOT RECORDED
8 APR 25 1966

FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION

MAR 8 1966

TELETYPE

DHY:jm
(3)

Tolson _____
DeLoach _____
Mohr _____
Wick _____
Casper _____
Callahan _____
Conrad _____
Felt _____
Gale _____
Rosen _____
Sullivan _____
Tavel _____
Trotter _____
Tele. Room _____
Holmes _____
Gandy _____

MAIL ROOM ☐ TELETYPE UNIT ☐

Return to YOUNG, Room 1258

FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
COMMUNICATIONS SECTION

MAR 8 1966

TELETYPE

Mr. Tolson _____
Mr. DeLoach _____
Mr. Mohr _____
Mr. Wick _____
Mr. Casper _____
Mr. Callahan _____
Mr. Conrad _____
Mr. Felt _____
Mr. Gale _____
Mr. Rosen _____
Mr. Sullivan _____
Mr. Tavel _____
Mr. Trotter _____
Tele. Room _____
Miss Holmes _____
Miss Gandy _____

FBI WASH DC

FBI BOSTON

6:54 PM

URGENT

3-8-66

RFM

TO: DIRECTOR

FROM: BOSTON (161-1521) 4 PAGES

MR. CLEVELAND
ROOM 1246

CHARLES HARD TOWNES, SPECIAL INQUIRY.

RE REPORT SA [REDACTED] DATED MARCH TWO, SIXTY SIX, AND
BUREAU TELETYPE TO BOSTON MARCH EIGHT SIXTY SIX.

ALL INVESTIGATION CONDUCTED MARCH EIGHT SIXTY SIX.

[REDACTED] OFFICE OF THE

PRESIDENT, MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), CAMBRIDGE, MASS,
ADVISED WHEN PREVIOUSLY INTERVIEWED SHE STATED APPOINTEE WAS HOLDER OF A
PULITZER PRIZE. HOWEVER, SHE HAD IN MIND THE NOBEL PRIZE WHICH HE
RECEIVED IN PHYSICS IN NINETEEN SIXTY FOUR. HE IS NOT HOLDER OF A
PULITZER PRIZE.

PROFESSOR NORMAN F. RAMSEY, JR., PHYSICS DEPARTMENT, HARVARD
UNIVERSITY, CAMBRIDGE, MASS., WAS NOT CONTACTED PER BUREAU INSTRUCTIONS
IN LETTER TO BOSTON DATED AUGUST ONE, FIFTY ONE.

PRESIDENT J.A. STRATTON, MIT, PRESENTLY OUT OF COUNTRY AND WILL NOT
RETURN UNTIL MARCH SIXTEEN NEXT.

NOT RECORDED

8 APR 25 1966

END PAGE ONE

54 MAY 3 1966 124

1 cc destroyed
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BPAGE TWO

BS. 161-1521

DR. J.R. KILLIAN, CHAIRMAN OF MIT CORP, NOT AVAILABLE UNTIL MARCH NINE NEXT AND WILL BE INTERVIEWED AT THAT TIME.

PROF. GEORGE G. HARVEY, EXECUTIVE OFFICER AND ASSOCIATE DIRECTOR, PHYSICS DEPARTMENT, MIT, ADVISED HE WAS ACQUAINTED WITH THE APPOINTEE PRIOR TO COMING TO MIT IN NINETEEN SIXTY ONE. HARVEY STATED HE IS THE TYPE OF MAN THAT WOULD BEND BACKWARDS TO DO ANYTHING THAT WOULD AID THE U.S. APPOINTEE RECEIVED THE NOBEL PRIZE IN PHYSICS IN NINETEEN SIXTY FOUR IN SWEDEN FOR HIS INVENTION OF THE MASER WHICH PRIZE HE SHARED WITH TWO RUSSIANS. HARVEY STATED THERE WAS NO COLLABORATION BETWEEN APPOINTEE AND THE TWO RUSSIANS AND HE DOUBTS IF THE APPOINTEE EVER KNEW THE RUSSIANS PRIOR TO RECEIVING THE NOBEL PRIZE.

HARVEY DESCRIBED THE APPOINTEE AS A PERSON OF OUTSTANDING CHARACTER, REPUTATION, A LOYAL AMERICAN WITH GOOD ASSOCIATES AND WOULD RECOMMEND HIM FOR ANY POSITION OF CONFIDENCE AND TRUST WITH THE GOVERNMENT.

MALCOLM G. KISPERT, ADMINISTRATIVE VICE PRESIDENT, MIT, ADVISED HE HAS KNOWN APPOINTED SINCE NINETEEN SIXTY ONE WHEN HE JOINED MIT STAFF. HE DESCRIBED APPOINTEE AS AN OUTSTANDING MAN; A MAN THAT HAS CONTRIBUTED OUTSTANDING CONTRIBUTIONS IN HIS FIELD AND ONE THAT CANNOT BE QUESTIONED AS TO HIS CHARACTER, REPUTATION AND LOYALTY. HE STATED HE WOULD RECOMMEND APPOINTEE WITH OUTRESERVATION FOR ANY POSITION OF CONFIDENCE AND TRUST.

END PAGE TWO

PAGE THREE

BS. 161-1521

PROF. JOHN G. KING, PHYSICS DEPARTMENT, MIT, ADVISED HE HAS KNOWN APPOINTEE SINCE NINETEEN FIFTY FIVE AND CONSIDERS HIM AN OUTSTANDING PHYSICIST AND A PERSON OF GOOD CHARACTER, REPUTATION, A LOYAL AMERICAN WITH GOOD ASSOCIATES AND A MAN THAT HE WOULD NOT HESITATE TO RECOMMEND FOR ANY POSITION OF CONFIDENCE AND TRUST.

[REDACTED] PHYSICS DEPART^{b6}
MENT, MIT, ADVISED HE MET APPOINTEE IN NINETEEN SIXTY ONE AT MIT AND THAT HE IS PRESENTLY PROVOST AND PROFESSOR OF PHYSICS. HE STATED THAT EVERYTHING HE COULD SAY CONCERNING THE APPOINTEE WOULD BE COMPLIMENTARY AS HIS CHARACTER, REPUTATION AND LOYALTY CANNOT BE QUESTIONED. ARENTZEN STATED HE WOULD RECOMMEND APPOINTEE FOR ANY POSITION OF CONFIDENCE AND TRUST.^{b7C}

PROF. WILLIAM W. BUECHNER, HEAD OF THE PHYSICS DEPARTMENT, MIT, ADVISED THAT HE KNEW APPOINTEE WHEN APPOINTEE WAS AT COLUMBIA UNIVERSITY AND HAS WORKED VERY CLOSELY WITH HIM SINCE COMING TO MIT IN NINETEEN SIXTY ONE. BUECHNER STATED THAT IN NINETEEN SIXTY FOUR THE APPOINTEE RECEIVED THE NOBEL PRIZE IN PHYSICS FOR HIS INVENTION OF THE MASER, WHICH PRIZE HE SHARED WITH TWO RUSSIANS. BUECHNER STATED THAT THERE WAS NO COLLABORATION BETWEEN APPOINTEE AND THE RUSSIANS. IT JUST HAPPENED THAT ALL THREE CAME UP WITH THE SAME IDEA AT THE SAME TIME. BUECHNER STATED THAT THE APPOINTEE IS AN OUTSTANDING MAN IN HIS FIELD AND A MAN THAT HIS CHARACTER, REPUTATION AND LOYALTY ARE BEYOND QUESTION BUECHNER STATED HE WOULD RECOMMEND APPOINTEE FOR ANY POSITION OF CONFIDENCE AND TRUST WITHOUT RESERVATION.

END PAGE THREE

PAGE FOUR

BS. 161-1521

PROF. WILLIAM H. RADFORD, DIRECTOR OF LINCOLN LABORATORY, MIT, ADVISED HE FIRST MET APPOINTEE WHEN THEY WERE BOTH MEMBERS OF THE SCIENTIFIC ADVISORY BOARD, USAF, IN NINETEEN FIFTY SEVEN. RADFORD STATED THAT HE BECAME CHAIRMAN OF THE ELECTRONICS PANEL IN NINETEEN SIXTY AND THAT APPOINTEE WAS A MEMBER OF THIS PANEL. HE FURTHER STATED THAT SINCE THE APPOINTEE HAS BEEN ON THE MIT STAFF IN NINETEEN SIXTY ONE HE IS IN CONSTANT CONTACT WITH HIM AND THAT HE CONSIDERS THE APPOINTEE AS ONE OF THE MOST OUTSTANDING MEN IN HIS FIELD. HE STATED THAT HIS PRAISE FOR THE APPOINTEE IS WITHOUT WORDS AND THAT HE WOULD RECOMMEND HIM FOR ANY POSITION OF CONFIDENCE AND TRUST AS HIS CHARACTER, REPUTATION AND LOYALTY ARE BEYOND REPROACH.

END.

WA... REPORT FOLLOWS.

WA....LRA

FBI WASH DC

TU CLR.

FEDERAL BUREAU OF INVESTIGATION

REPORTING OFFICE BOSTON	OFFICE OF ORIGIN BUREAU	DATE 3/10/66	INVESTIGATIVE PERIOD 3/8-9/66
TITLE OF CASE CHARLES HARD TOWNES		REPORT MADE BY <div style="border: 1px solid black; width: 150px; height: 15px;"></div>	TYPED BY bbr
		CHARACTER OF CASE SPI	

b6
b7C

REFERENCE: Report of SA at Boston dated 3/2/66; Butel to Boston dated 3/8/66; and Boston teletype to Bureau dated 3/8/66.

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b7C

- RUC -

ADMINISTRATIVE

Professor NORMAN F. RAMSEY, JR., Physics Department, Harvard University, Cambridge, Mass., was not contacted per Bureau instructions in letter to Boston dated 8/1/51 entitled NORMAN F. RAMSEY, JR.

President JULIUS A. STRATTON, MIT, Cambridge, Mass., presently out of the country and will not return until 3/16/66. No attempt will be made to interview him upon his return UACB.

Case has been: Pending over one year ☐ Yes ☐ No; Pending prosecution over six months ☐ Yes ☐ No

APPROVED 		SPECIAL AGENT IN CHARGE	DO NOT WRITE IN SPACES BELOW	
COPIES MADE: 1 - Bureau 1 - Boston (161-1521)			161-4379-31	
			NOT RECORDED 2 MAR 11 1966	
Dissemination Record of Attached Report			Notations	
Agency			Spc. Inq.	
Request Recd.				
Date Fwd.				
How Fwd.				
By				

54 MAY 3 1966 126

BS 161-1521

On 3/8/66 [redacted] Administrative Assistant, Office of the President, MIT, Cambridge, Mass., advised when previously interviewed, she stated appointee was holder of a Pulitzer Prize. However, she had in mind the Nobel Prize which he received in physics in 1964. He is not holder of a Pulitzer Prize.

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COVER PAGE

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

Copy to:

Report of:

Date: 3/10/66

Office: Boston, Massachusetts

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b7c

Field Office File #: 161-1521

Bureau File #:

Title: CHARLES HARD TOWNES

Character: SPECIAL INQUIRY

Synopsis:

References and associates recommend.

- RUC -

DETAILS:REFERENCES

On March 8, 1966, Professor WILLIAM W. BUECHNER, Head of the Physics Department, Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts, advised that he knew appointee when appointee was at Columbia University and has worked very closely with him since coming to MIT in 1961. BUECHNER stated that in 1964, the appointee received the Nobel Prize in physics for his invention of the Maser,

BS 161-1521

which prize he shared with two Russians. BUECHNER stated that there was no collaboration between appointee and the Russians. It just happened that all three came up with the same idea at the same time. BUECHNER stated that the appointee is an outstanding man in his field and a man that his character, reputation and loyalty are beyond question. BUECHNER stated he would recommend appointee for any position of confidence and trust without reservation.

On March 8, 1966, Professor WILLIAM H. RADFORD, Director of Lincoln Laboratory, MIT, advised he first met appointee when they were both members of the Scientific Advisory Board, U. S. Air Force, in 1957. RADFORD stated that he became Chairman of the Electronics Panel in 1960 and that appointee was a member of this panel. He further stated that since the appointee has been on the MIT staff in 1961, he is in constant contact with him and that he considers the appointee as one of the most outstanding men in his field. He stated that his praise for the appointee is without words and that he would recommend him for any position of confidence and trust as his character, reputation and loyalty are beyond reproach.

ASSOCIATES

On March 8, 1966, Professor GEORGE G. HARVEY, Executive Officer and Associate Director, Physics Department, MIT, advised he was acquainted with the appointee prior to coming to MIT in 1961. HARVEY stated he is the type of man that would bend backwards to do anything that would aid the United States. Appointee received the Nobel Prize in physics in 1964 in Sweden for his invention of the Maser which prize he shared with two Russians. HARVEY stated there was no collaboration between appointee and the two Russians and he doubts if the appointee ever knew the Russians prior to receiving the Nobel Prize.

BS 161-1521

HARVEY described the appointee as a person of outstanding character, reputation, a loyal American with good associates and stated he would recommend him for any position of confidence and trust with the Government.

On March 8, 1966, MALCOLM G. KISPert, Administrative Vice President, MIT, advised he has known appointee since 1961 when he joined the MIT staff. He described the appointee as an outstanding man; a man that has contributed outstanding contributions in his field and one that cannot be questioned as to his character, reputation and loyalty. He stated he would recommend appointee without reservation for any position of confidence and trust.

On March 8, 1966, Professor JOHN G. KING, Physics Department, MIT, advised he has known appointee since 1955 and considers him an outstanding physicist and a person of good character, reputation, a loyal American with good associates and a man that he would not hesitate to recommend for any position of confidence and trust.

On March 8, 1966, [REDACTED] Physics Department, MIT, advised he met appointee in 1961 at MIT and that he is presently Provost and Professor of Physics. He stated that everything he could say concerning the appointee would be complimentary as his character, reputation and loyalty cannot be questioned. ARENTZEN stated he would recommend appointee for any position of confidence and trust.

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On March 9, 1966, Dr. J. R. KILLIAN, Chairman of the Corporation, MIT, Cambridge, Massachusetts, advised that he knew of the appointee when he was at Columbia University and that he has been in close contact with him since his arrival at MIT in 1961. He stated that he is the holder of the Nobel Prize in physics, which he received in 1964 in Sweden for his invention of the Maser. Dr. KILLIAN

BS 161-1521

stated that the appointee is very intelligent, is very discreet and a loyal American. He stated that he has always worked in the interest of the United States and he would not hesitate to recommend him for any position of confidence and trust as his character, reputation and loyalty cannot be questioned. He is presently Provost at MIT and a Professor of Physics.

27 MAY 3 1982

8 APR 25 66

DELETED

DELETED-GALE

Photo - Encl.

CC TO: NACC - AF
REQ. REC'D 105-26-7
NOV 21 1978
ANS.
BY: 201 UP, U.S. MAR 11 11 22 AM '66

18 PM '66
Mar 10 4 59 PM '66
REC'D DE LOACH
FBI

Photo Encl.

CC TO: NACC - DIA
REQ. REC'D 5-17-84
MAY 23 1984
ANS.
BY: 846 135

MAR 11 12 05 PM '66

REC'D DE LOACH

TO: DIRECTOR, FBI
FROM: SAC, NEW YORK (105-26-7)
SUBJECT: [illegible]
RE: [illegible]

- 1 - Mr. [illegible]
- 1 - Mr. [illegible]
- 1 - Mr. [illegible]

ENCLOSURE



161-4379-33

161-4399-33

ENCLOSURE

TELETYPE UNIT

JAN 25 1967

ENCODED MESSAGE

Mr. Tolson_____
Mr. DeLoach_____
Mr. Mohr_____
Mr. Wick_____
Mr. Casper_____
Mr. Callahan_____
Mr. Conrad_____
Mr. Felt_____
Mr. Gale_____
Mr. Rosen_____
Mr. Sullivan_____
Mr. Tavel_____
Mr. Trotter_____
Tele. Room_____
Miss Holmes_____
Miss Gandy_____

FBI NEW YORK /4/

148PM URGENT 1/25/67 BAB

TO DIRECTOR

FROM NEW YORK (161-2016) 1P

CHARLES HAROLD TOWNES SPI

RE BUREAU TELEPHONE CALL JANUARY TWENTY FOUR, LAST.

A CHECK OF NEW YORK INDICES INDICATES NO ADDITIONAL
INFORMATION CONCERNING TOWNES, OTHER THAN THAT PREVIOUSLY
FURNISHED, AND NO INDICATION OF ANY CONTACT WITH SOVIET
UNITED NATIONS PERSONNEL. RUC.

END

MCS

FBI WASH DC

MR. CLEVELAND
ROOM 1246

161-4379-34
NOT RECORDED
4 FEB 8 1967

62 FEB 20 1967



OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
WASHINGTON, D. C. 20301

ADMINISTRATION

21 April 1967

Honorable Marvin Watson
Special Assistant to the President
The White House
Washington, D. C. 20500

Attention Mrs. Mildred Stegall

Dear Mr. Watson:

Mr. Charles H. Townes, Born 28 July 1915, Greenville, South Carolina, was the Subject of a Special Inquiry Investigation conducted by the Federal Bureau of Investigation in 1966 at the request of the White House.

Mr. Townes is being considered as a consultant to the Office of the Secretary of Defense requiring access to Top Secret classified material. It is requested that the detailed results of the 1966 investigation be made available to this office.

Sincerely,

William C. Hunt
William C. Hunt
Director
Security Division

ms

161-4379-37

NOT RECORDED

10 APR 25 1967

b7E

62 MAY 2 1967

56 APR 27 1967

161-4379

File 98

BB/only

*Please return
with report
to Stegall*

Airtel

NR
4-24-69
3/69

To: SACs, Washington Field (161-3562) - Enc. (5)
San Francisco (161-947) - Enc.
Boston (161-1521) - Enc.
Columbia (161-16) - Enc.
Charlotte (161-462) - Enc.
Detroit (161-607) - Enc.
Los Angeles (161-996) - Enc.
Newark (161-876) - Enc.
Denver (77-4041) - Enc.
New York (161-2016) - Enc.
Baltimore (161-1933) - Enc.
St. Louis (161-2221) - Enc.
Cincinnati - Enc.

From: Director, FBI (161-4379) - 39

CHARLES HARD TOWNES
SPECIAL INQUIRY
BUDED: 5/8/69

102

Office of Science and Technology, White House, has requested investigation of Townes who is a consultant with OST. Born 7/28/15, Greenville, South Carolina, and resides 1988 San Antonio Ave., Berkeley, California. Background data attached.

All offices except Cincinnati see urfiles indicating previous SPI of Townes in March, 1966. Bring up to date.

SPIN.

MAILED 24
APR 23 1969
COMM-FBI

Tolson _____
DeLoach _____
Mohr _____
Bishop _____
Casper _____
Callahan _____
Conrad _____
Felt _____
Gale _____
Rosen _____
Sullivan _____
Tavel _____
Trotter _____
Tele. Room _____
Holmes _____
Gandy _____

NOTE: Request received today from OST.

DHY:pnh
(28)

MAIL ROOM ☒

TELETYPE UNIT ☐

RETURN TO MR. YOUNG, ROOM 1258.

448
JUN 5 - 1969

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY

161-4379

April 7, 1969
(Date)

MEMORANDUM FOR Bernie Rachner

SUBJECT: Request for Full Field Security Investigation

The attached Forms SF 86s on

Charles Hard Townes

Charles H. Townes-consultant
(Name)

7/28/15
(Date of Birth)

are being submitted for the purpose of conducting a full field security investigation to obtain White House approval prior to subject individual being appointed/utilized to serve as either a member of the staff or as a consultant in the Executive Office of the President, Office of Science and Technology.

Frank R. Pagnotta
Executive Officer

161-4379-39

REC-128

2 APR 24 1969

Spec. Inq.

ENCLOSURE

15

Standard Form 86
AUGUST 1964
U.S. CIVIL SERVICE COMMISSION
(F.P.M. CHAPTER 736)
86-106

SECURITY INVESTIGATION DATA FOR SENSITIVE POSITION

CASE SERIAL NO. (CSC use only)

INSTRUCTIONS.—Prepare in triplicate, using a typewriter. Fill in all items. If the answer is "No" or "None," so state. If more space is needed for any item, continue under item 28.

1. FULL NAME <i>(Initials and abridgements of full name are not acceptable. If no middle name, show "(NMN)"; if initials only, show "(no given or middle name)"</i>	(LAST NAME) Townes	(FIRST NAME) Charles	(MIDDLE NAME) Hard	2. DATE OF BIRTH July 28, 1915	
	OTHER NAMES USED. <i>(Maiden name, names by former marriages, former names changed legally or otherwise, aliases, nicknames, etc. Specify which, and show dates used.)</i> None			3. PLACE OF BIRTH Greenville, S. C.	
				4. <input checked="" type="checkbox"/> MALE <input type="checkbox"/> FEMALE	
		5. HEIGHT 6'1"	WEIGHT 180	COLOR EYES blue	COLOR HAIR brown

6. <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MARRIED <input type="checkbox"/> WIDOW(ER) <input type="checkbox"/> DIVORCED	7. IF MARRIED, WIDOWED, OR DIVORCED, GIVE FULL NAME AND DATE AND PLACE OF BIRTH OF SPOUSE OR FORMER SPOUSE. INCLUDE WIFE'S MAIDEN NAME. GIVE DATE AND PLACE OF MARRIAGE OR DIVORCE. <i>(Give same information regarding all previous marriages and divorces.)</i> Wife: Frances Hildreth Brown; born: Feb. 13, 1916, Berlin, N. H. Married: May 4, 1941
--	---

8. DATES AND PLACES OF RESIDENCE. *(If actual places of residence differ from the mailing addresses, furnish and identify both. Begin with present and go back to January 1, 1937. Continue under item 28 on other side if necessary.)*

FROM	TO	NUMBER AND STREET	CITY	STATE
1967	Present	1988 San Antonio Ave.	Berkeley	Calif.
1962	1967	5 Follen Street	Cambridge,	Mass.
1961	1962	30 Francis Ave.	Cambridge	Mass.
1959	1961	Corner Ordway & 34th St., N. W.	Washington, D. C.	
9/1951	1959	720 West 231st St.	New York	N. Y.
9/1955	5/1956	Chatenay-Malabry	France	
5/1956	9/1956	Nichi-Katamachi, Bunkyo-Ku	Tokyo	Japan
1/1948	9/1951	90 Morningside Dr.	New York	N. Y.
7/1945	1/1948	111 Washington Ave.	Chatham	N. J.
1944	1945	3 Dempster Rd.	Chatham	N. J.

(For continuation see Item #28)

9. <input checked="" type="checkbox"/> U.S. CITIZEN	<input checked="" type="checkbox"/> BY BIRTH <input type="checkbox"/> NATURALIZED	ALIEN REGISTRATION NO.	DATE, PLACE, AND COURT
	CERT. NO.	PETITION NO.	NA
<input type="checkbox"/> ALIEN	<input type="checkbox"/> DERIVED-PARENTS CERT. NO(S).		
	REGISTRATION NO.	NATIVE COUNTRY	DATE AND PORT OF ENTRY

10. EDUCATION. *(All schools above elementary.)*

NAME OF SCHOOL	ADDRESS	FROM (Year)	TO (Year)	DEGREES
Greenville High School	Greenville, S. C.	1927	1931	None
Furman University	Greenville, S. C.	1931	1935	B. A. & B. S.
Duke University	Durham, N. C.	1935	1936	M. A.
California Institute of Technology	Pasadena, Calif.	1936	1939	Ph. D.

11. THIS SPACE FOR FBI USE. *(See also item 29.)*

12. SOCIAL SECURITY NUMBER	555-12-5071		
13. MILITARY SERVICE <i>(Past or present)</i>	None		
SERIAL NO. <i>(If none, give grade or rating at separation)</i>	BRANCH OF SERVICE <i>(Army, Navy, Air Force, etc.)</i>	FROM (Yr.)	TO (Yr.)

ENCLOSURE

161-4379-39

JB

14. HAVE YOU EVER BEEN DISCHARGED FROM THE ARMED FORCES UNDER OTHER THAN HONORABLE CONDITIONS? ☐ YES ☒ NO.
(If answer is "Yes," give details in item 28.)

15. EMPLOYMENT. (List ALL employment dates starting with your present employment. Give both month and year for all dates. Show ALL dates and addresses when unemployed. Give name under which employed if different from name now used.)

FROM	TO	NAME OF EMPLOYER (Firm or agency) AND SUPERVISOR (Full name, if known)	ADDRESS (Where employed)	TYPE OF WORK	REASON FOR LEAVING
SF 1967	Present	University of California	Berkeley, Calif.	Professor-at-Large	
BS 1966	1967	Mass. Institute of Technology	Cambridge, Mass.	Institute Professor	
1961	1966	Mass. Institute of Technology	Cambridge, Mass.	Provost & Professor of Physics	
1959	1961	Columbia University	New York, N. Y.	Professor of Physics	
1948	1950	Columbia University	New York, N. Y.	Assoc. Prof. of Physics	
1939	1947	Bell Telephone Labs	Murray Hill, N. J.	Technical Staff Member	
1937	1939	Calif. Institute of Technology	Pasadena, Calif.	Assistant in Physics	

16. HAVE YOU EVER BEEN DISCHARGED (FIRED) FROM EMPLOYMENT FOR ANY REASON? ☐ YES ☒ NO.

17. HAVE YOU EVER RESIGNED (QUIT) AFTER BEING INFORMED THAT YOUR EMPLOYER INTENDED TO DISCHARGE (FIRE) YOU FOR ANY REASON? ☐ YES ☒ NO.
(If your answer to 16 or 17 above is "Yes" give details in item 28. Show the name and address of employer, approximate date, and reasons in each case. This information should agree with the statements made in item 15—EMPLOYMENT.)

18. HAVE YOU EVER BEEN ARRESTED, TAKEN INTO CUSTODY, HELD FOR INVESTIGATION OR QUESTIONING, OR CHARGED BY ANY LAW ENFORCEMENT AUTHORITY? (You may omit: (1) Traffic violations for which you paid a fine of \$30 or less; and (2) anything that happened before your 16th birthday. All other incidents must be included, even though they were dismissed or you merely forfeited collateral.) ☐ YES ☒ NO.

IF YOUR ANSWER IS "YES," GIVE FULL DETAILS BELOW:

DATE	CHARGE	PLACE	LAW ENFORCEMENT AUTHORITY	ACTION TAKEN
------	--------	-------	------------------------------	--------------

19. HAVE YOU EVER HAD A NERVOUS BREAKDOWN OR HAVE YOU EVER HAD MEDICAL TREATMENT FOR A MENTAL CONDITION? ☐ YES ☒ NO.
(If your answer is "Yes," give details in item 28.)

20. FOREIGN COUNTRIES VISITED (SINCE 1930). (Exclusive of military service.)

COUNTRY	DATE LEFT U.S.A.	DATE RETURNED U.S.A.	PURPOSE
Approx. 4 trips to Europe between 1950 and 1955			
Approx. 8 trips to Mexico and Canada			
(Continued on Attached Sheet #1)			

21. ARE YOU NOW, OR HAVE YOU EVER BEEN, A MEMBER OF THE COMMUNIST PARTY, U.S.A., OR ANY COMMUNIST OR FASCIST ORGANIZATION? ☐ YES ☒ NO.

22. ARE YOU NOW OR HAVE YOU EVER BEEN A MEMBER OF ANY FOREIGN OR DOMESTIC ORGANIZATION, ASSOCIATION, MOVEMENT, GROUP, OR COMBINATION OF PERSONS WHICH IS TOTALITARIAN, FASCIST, COMMUNIST, OR SUBVERSIVE, OR WHICH HAS ADOPTED, OR SHOWS, A POLICY OF ADVOCATING OR APPROVING THE COMMISSION OF ACTS OF FORCE OR VIOLENCE TO DENY OTHER PERSONS THEIR RIGHTS UNDER THE CONSTITUTION OF THE UNITED STATES, OR WHICH SEEKS TO ALTER THE FORM OF GOVERNMENT OF THE UNITED STATES BY UNCONSTITUTIONAL MEANS? ☐ YES ☒ NO.

23. IF YOUR ANSWER TO QUESTION 21 OR 22 ABOVE IS "YES" STATE THE NAMES OF ALL SUCH ORGANIZATIONS, ASSOCIATIONS, MOVEMENTS, GROUPS, OR COMBINATIONS OF PERSONS AND DATES OF MEMBERSHIP. IN ITEM 28 OR ON A SEPARATE SHEET TO BE ATTACHED TO AND MADE A PART OF THIS FORM, GIVE COMPLETE DETAILS OF YOUR ACTIVITIES THEREIN AND MAKE ANY EXPLANATION YOU DESIRE REGARDING YOUR MEMBERSHIP OR ACTIVITIES.

NAME IN FULL	ADDRESS	FROM	TO	OFFICE HELD
--------------	---------	------	----	-------------

NA

24. MEMBERSHIP IN OTHER ORGANIZATIONS. (List all organizations in which you are now a member or have been a member, except those which show religious or political affiliations.) (If none, so state.)

NAME IN FULL	ADDRESS	TYPE	FROM	TO	OFFICE HELD
American Physical Soc.	N. Y.	professional	1935	present	member
American Physical Soc.	N. Y.	professional	(1959	1962	member of the
"	"	"	(1965	present	council)
"	"	"	1966	1967	vice president
"	"	"	1967	1968	president
Societe Francaise de Physique, Paris France	"	"	(1956	1958	council member
"	"	"	(1956	present	member
Japanese Physical Soc., Tokyo, Japan	professional	1956	present	member	

(Continued on Attached Sheet)

25. RELATIVES. (Parents, spouse, divorced spouse, children, brothers, and sisters, living or dead. Name of spouse should include maiden name and any other names by previous marriage. If person is dead, state "dead" after relationship and furnish information for other columns as of time of death.)

RELATION	NAME IN FULL	YEAR OF BIRTH	ADDRESS	COUNTRY OF BIRTH	PRESENT CITIZENSHIP
father	Henry K. Townes (deceased)	10/16/76	Greenville, S. C.	USA	USA
Co mother	Ellen Hard Townes	11/6/81	Greenville, S. C.	USA	USA
Co sister	Mary Townes Nyland	3/17/09	Weaverville, N. C.	USA	USA
Co sister	Ellen Townes Taylor	5/16/11	Greenville, S. C.	USA	USA
				USA	USA
DE brother	Henry K. Townes	1/20/13	Ann Arbor, Mich.	USA	USA
Co brother	George F. Townes	8/21/27	Cleveland, S. C.	USA	USA
SF wife	Frances Brown Townes	1/10/10	Berkeley, Calif.	USA	USA

b6
b7c

26a. REFERENCES. (Name three persons, not relatives or employers, who are aware of your qualifications and fitness.)

NAME IN FULL

HOME ADDRESS

BUSINESS ADDRESS

YEARS KNOWN

Edwin McMillan 1401 Vista Rd., Lawrence Rad. Lab. 1950 -
(Cont. on Attached) El Cerrito, Calif. U.C., Berkeley, Calif.

26b. CLOSE PERSONAL ASSOCIATES. (Name three persons, such as friends, schoolmates or colleagues, who know you well.)

NAME IN FULL

HOME ADDRESS

BUSINESS ADDRESS

YEARS KNOWN

A. L. Schawlow 849 Esplanado Way, Physics Dept., Stanford 1953 -
Palo Alto, Calif. Univ., Stanford, Calif.
Marvin Goldberger 125 Fritz-Randolph Rd. Physics Dept., Princeton 1959 -
(Cont. on attached) Princeton, N.J. Univ., Princeton, N.J.

27. TO YOUR KNOWLEDGE, HAVE YOU EVER BEEN THE SUBJECT OF A FULL FIELD OR BACKGROUND PERSONAL INVESTIGATION BY ANY AGENCY OF THE FEDERAL GOVERNMENT? ☒ YES ☐ NO. (If your answer is "Yes," show in item 28, (1) the name of the investigating agency (2) the approximate date of investigation, and (3) the level of security clearance granted, if known.) See Attached

28. SPACE FOR CONTINUING ANSWERS TO OTHER QUESTIONS. (Show item numbers to which answers apply. Attach a separate sheet if there is not enough space here.)

Item 8 (Cont.)

From	To	Number and Street	City	State
1944	1944	River Road	Summit	N. J.
1944	1944	Holiday House	Delray Beach	Florida
9/1941	1944	Mountain Road	Mendham	N. J.
5/1941	9/1941	East 10th Street	New York	N. Y.

29. REPORT OF INFORMATION DEVELOPED. (This space reserved for FBI use.)

DATE:

Before signing this form check back over it to make sure you have answered all questions fully and correctly.

CERTIFICATION

I CERTIFY that the statements made by me on this form are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

False statement on this form
is punishable by law.

March 28, 1969
(DATE)

Char. H. T. Owens
(SIGNATURE—Sign original and first carbon copy)

INFORMATION TO BE FURNISHED BY AGENCY

INSTRUCTIONS TO AGENCY: See Federal Personnel Manual Chapter 736 and FPM Supplement 296-31, Appendix A, for details on when this form is required and how it is used. If this is a request for investigation before appointment, insert "APPL" in the space for Date of Appointment and show information about the proposed appointment in the other spaces for appointment data. The original and the first carbon copy should be signed by the applicant or appointee. Submit the original and the unsigned carbon copy of the form, Standard Form 87 (Fingerprint Chart), and any investigative information about the person received on voucher forms or otherwise, to the United States Civil Service Commission, Bureau of Personnel Investigations, Washington, D.C., 20415. If this is a request for full field security investigation, submit these forms to the attention of the Division of Reimbursable Investigations; if this is a request for preappointment national agency checks, submit these forms to the attention of the Control Section.

RETAIN THE CARBON COPY OF STANDARD FORM 86 (SIGNED BY THE APPLICANT OR APPOINTEE) FOR YOUR FILES

DATE OF APPOINTMENT	TYPE OF APPOINTMENT <input type="checkbox"/> EXCEPTED <input type="checkbox"/> COMPETITIVE. (Include indefinite and temporary types of competitive appointments.)	CIVIL SERVICE REGULATION NUMBER OR OTHER APPOINTMENT AUTHORITY	TITLE OF POSITION AND GRADE OR SALARY
DEPARTMENT OR AGENCY	DUTY STATION	SEND RESULTS OF PREAPPOINTMENT CHECK TO:	
THIS IS A SENSITIVE POSITION		(SIGNATURE AND TITLE OF AUTHORIZED AGENCY OFFICIAL)	

SECURITY INVESTIGATION DATA (Cont.)

Item #8 Cont. from Item #28 - Residence

<u>From</u>	<u>To</u>	<u>Number & Street</u>	<u>City</u>	<u>State</u>
1940	1941	Park Plaza Hotel West 77 Street	New York	N. Y.
1940	1940	Claremont Avenue	New York	N. Y.
1939	1940	Several other addresses in New York City,	New York	New York
1/1937	7/1939	500 Summer Street	Greenville	So. Caroli

Item #20 - Foreign Countries Visited (Since 1930)

<u>Country</u>	<u>Dates</u>	<u>Purpose</u>
Approx. 4 trips to Europe between 1950 and 1955 Approx. 8 trips to Mexico & Canada		
France, England, Switzerland, Italy, Germany, Yugoslavia, Austria, Israel, India, Japan, and others	June, 1955 - Sept., 1956	Sabbatical Leave
Essen, Germany Switzerland Italy	October, 1958 July 30-August 1, 1960 August 1-18, 1960	Attend Meeting Vacation Lecture at Enrico Fermi International School of Physics in Varenna
Spain France Portugal Mexico City, Mexico	August 18-31, 1960 August 31-Sept. 2, 1960 Sept. 2, 1960 June 21-26, 1961	Vacation Vacation Vacation Attend American Physical Soc. Meeting
France Stockholm, Sweden	July 28-30, 1961 July 30-Aug. 6, 1961	Vacation Attend International Biophysics Congress in Stockholm
France France The Netherlands England	March 31, 1962 April 1, 1962 April 2-4, 1962 May 13-15, 1962	Lecture at College de France Visit friends Give talk in The Hague To attend the Second European American Assembly in Brighton
England	August 24-30, 1962	Attend 9th Conference on Science and World Affairs in Cambridge
France	Feb. 11-16, 1963	Attend the Third International Conference on Quantum Electronics in Paris
Italy	August 18-31, 1963	Director of Enrico Fermi International School of Physics
Italy	August 31-Sept. 15, 1963	Vacation

SECURITY INVESTIGATION DATA (Cont.)

Item #20 - Foreign Countries Visited (Since 1930) (Cont. from Page 1)

<u>Country</u>	<u>Dates</u>	<u>Purpose</u>
England	Oct. 28-Nov. 1, 1963	Give Scott Lectures in Cambridge
Italy	April 2-3, 1964	Receive honorary degree in Milan
France	April 3-5, 1964	Tourist
Italy	Sept. 15-21, 1964	Attend International meeting for 4th Centenary of the Birth of Galile
Sweden	Dec. 3-16, 1964	Receive Nobel Prize
Mexico City, Mexico	March 9-16, 1965	Attend M.I. T. Fiesta
Poland	Sept. 6-9, 1965	Lecture at Instytut Fizyki in Warsaw
U.S.S.R.	Sept. 9-23, 1965	Guest of the Soviet Academy of Sciences
Egypt	Feb. 4-8, 1966	Vacation
Lebanon	Feb. 8-9, 1966	Vacation
Israel	Feb. 9-14, 1966	To visit the Weizmann Institute and to receive honorary degree from the Hebrew University
WFO England	June 29-July 3, 1966	Visit connected with the President's Science Advisory Committee
Mexico	Aug. 27-Sept. 1, 1966	Attend American Physical Soc. Meeting in Mexico City
Germany & France	Oct. 7-15, 1966	Visit connected with the President's Science Advisory Committee
Guadeloupe	Dec. 18-26, 1966	Vacation
Munich, Germany	Jan. 19-22, 1967	Conference with German scientists
Edmonton, Canada	March 9-11, 1967	Receive honorary degree from the University of Alberta
Toronto, Canada	June 20-23, 1967	Attend American Physical Soc. Meeting
Czechoslovakia	Aug. 20-30, 1967	Attend International Astronomical Union in Prague
Canada	Sept. 13-19, 26-27, 1967	Give lectures at the University of Toronto
Italy	June 15-28, 1968	Attend International Symposium on Contemporary Physics in Trieste
Switzerland, Germany	June 29-30, 1968	Vacation
West Germany	July 1-5, 1968	Meeting of Nobel Prize Winners in Lindau
Switzerland	July 6-8, 1968	Vacation
Victoria, B.C.	Aug. 20-23, 1968	Attend American Astronomical Soc. Meeting

Item #24 - Membership in Other Organizations

<u>Name in Full</u>	<u>Address</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Office Held</u>
American Assoc. for the Advancement of Science	Wash., D.C.	Professional	1948	present	member
American Assoc. of Physics Teachers	Wash., D.C.	Professional	1948 1968	1950 present	member

SECURITY INVESTIGATION DATA (CONT.)

Item #24 - Membership in Other Organizations (Cont.)

<u>Name in Full</u>	<u>Address</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Office Held</u>
National Academy of Sciences	Washington, D. C.	Professional	1956	present	member
Sigma Xi		Professional	1939	present	member
National Geographic Society	Washington, D. C.	geographical	1959	present	member
American Academy of Arts & Sciences	Boston, Mass.	Professional	1959	present	member
Optical Society of America	Washington, D. C.	Professional	1961	present	Fellow
Institute of Electrical & Electronics Engrs.	New York, N. Y.	Professional	1958	present	Fellow
American Philosophical Society	Philadelphia, Penn.	Professional	1960	present	member
American Astronomical Society		Professional	1963	present	member

Item #26a - References (Cont.)

<u>Name in Full</u>	<u>Home Address</u>	<u>Business Address</u>	<u>Years Known</u>
		Joint Institute for Laboratory Astrophysics, University of Colorado Boulder, Colorado	1960 -

b6
b7c

Item #26b - Personal Associates (Cont.)

<u>Name in Full</u>	<u>Home Address</u>	<u>Business Address</u>	<u>Years Known</u>
J. A. Stratton		The Ford Foundation New York, New York	1961 -

Item #27 - Previous Security Clearances Granted

May, 1960
Inspector of Naval Material (Office of Naval Intelligence)
TOP SECRET

1961
National Security Agency
TOP SECRET

March, 1961
Department of State
TOP SECRET

April, 1961 - Atomic Energy Commission - Q Clearance
AEC Q 8017 ORNYWA

October, 1967
Defense Industrial Security Clearance Office
Columbus, Ohio
SECRET

To: Bureau

4/23/69

Airtel

To: SACs, Washington Field (161-3562) - Enc. (5)
San Francisco (161-947) - Enc.
Boston (161-1521) - Enc.
Columbia (161-16) - Enc.
Charlotte (161-432) - Enc.
Detroit (161-607) - Enc.
Los Angeles (161-996) - Enc.
Newark (161-876) - Enc.
Denver (77-4941) - Enc.
New York (161-2010) - Enc.
Baltimore (161-1033) - Enc.
St. Louis (161-2221) - Enc.
Cincinnati - Enc.

BA USE ONLY

AGENCY	RES.	DATE	INIT.
DCI	✓	4/28/69	J
AIRR	NA		
NIS	1		
OSI	2		
STATUS: Ruc			

WFO TO
HANDLE

From: Director, FBI (161-4270)

CHARLES HARD TOWNES
SPECIAL INQUIRY
INDEX: 3/6/69

Office of Science and Technology, White House, has requested investigation of Townes who is a consultant with OST. Born 7/23/15, Greenville, South Carolina, and resides 3963 San Antonio Ave., Berkeley, California. Background data attached.

All offices except Cincinnati see urfiles indicating previous SPI of Townes in March, 1966. Bring up to date.

SPIN.

BA FILE TO BE
DESTROYED IN 60 DAYS

161-FH

SEARCHED	INDEXED
SERIALIZED	FILED
APR 24 1969	
FBI - BALTIMORE	

Federal Bureau of Investigation
Records Branch

4-24

1969

☒ Name Searching Unit - Room 6527☐ Service Unit - Room 6524☒ Forward to File Review☐ Attention ☐ Return to

Supervisor

Room

Ext.

b6

b7C

Type of References Requested:

☐ Regular Request (Analytical Search)☒ All References (Subversive & Nonsubversive)☐ Subversive References Only☐ Nonsubversive References Only☐ Main References Only

Type of Search Requested:

☐ Restricted to Locality of☐ Exact Name Only (On the Nose)☐ Buildup☐ Variations

APR 24 1969

UTD - 2-660

Subject Charles Harold TownesBirthdate & Place 7-28-15 Greenville,Address S. Carolina

Localities

R# 20A Date 4-24 Searcher Initials 217Prod. 10 FILE NUMBER SERIAL- agent has file # 101-4379 -with notation on form 2/6677-81576 you have I116-4864 I101-4379 you have I77-81576-79 sum 10/14/59101-4379-32 sum 3/11/66Charles Harold (aka)

SI

Charles H.77-81576-23 sum 12/15/59100-381175-15 ep8105-71688-1078105-136471-312.3 824Charles65-68127-29 JUNE MAIL105-22237-75 p3105-150593-11

APR 24 1969

SEARCH SLIP

Prod. 9

FILE NUMBER

SERIAL

C. H.

12

105-132881-46p13

Bureau Library: Editor:
Quantum Electronics
and Coherent Light
Course 31

Mrs. Charles Hard (sp)

105-78497-180 (1961)

Mrs. Charles H. (so)

105-94977 (1961) II

105-17398-4p29(1952)

Mrs. C. H. (sp)

100-359437-55, 57 (1951)

105-17398-4p26

Townes, Henry Keith (broth

124-7920 (Bro) 195 ✓ I

Bawkes, Mrs. Henry (sister-in-law)

123-3455 (1949) Part I

APR 24 1969